

**amasty**

See the way the [Cookie Consent \(GDPR\) for Magento 2](#) extension works.

# Guide for Cookie Consent (GDPR) for Magento 2

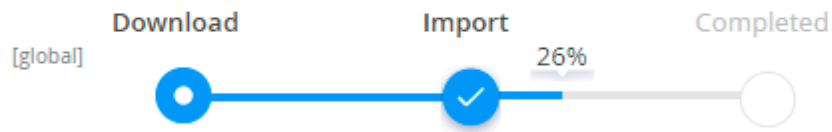
Increase customer retention by giving them the opportunity to regulate their cookie usage. Implement a GDPR compliant cookie policy to your store with Cookie Consent extension for Magento 2.

- Arrange cookies into essential and optional categories
- Let customers choose which cookies they allow to process
- Efficiently manage categories and cookies they include
- Monitor all cookie consents and customers' data in one grid
- Use flexible design customization for your cookie policy bar

## Geo IP Data Configuration

The extension uses Geo IP Database to detect site visitors' location. Please, go to **Stores → Configuration → Amasty Extensions → Geo IP Data**.

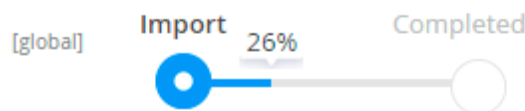
## Download and Import



Last Imported: 2019-03-20 17:14:14

Download and Import

## Import



var/amasty/geoip/GeoLite2-City-Blocks-IPv4.csv  
var/amasty/geoip/GeoLite2-City-Blocks-IPv6.csv  
var/amasty/geoip/GeoLite2-City-Locations-en.csv

Import

Databases are required for the correct work of the GDPR module. Also you need to install [php bcmath](#) or [gmp](#) extension on your server.

You can get the databases automatically or import your own data.

Hit the **Download and Import** button to make the extension download the updated CSV dump file and import it into your database automatically.

To import the files from your own source, use the **Import** option. Path to the files should look like this (the part 'var/amasty/' should be replaced with your folders' names):

```
var/amasty/geoip/GeoLite2-City-Blocks-IPv4.csv  
var/amasty/geoip/GeoLite2-City-Blocks-IPv6.csv  
var/amasty/geoip/GeoLite2-City-Locations-en.csv
```

In the Import section, the **Import** button is grayed out by default. It will be available right after you upload the CSV files. The red error notification will switch to green success notification when the

import is completed.

## Debug Mode

You can enable IP forcing, which makes it possible to set a specific IP address that will be used instead of the visitor's real IP address when determining geolocation. The feature is useful while configuring or testing the extension.

### Debug

<b>Enable Force IP</b> [global]	<input type="text" value="Yes"/>
<b>Force IP Address</b> [global]	<input type="text" value="192.0.2.1"/>

You can set IP address for testing. Please be careful to avoid issues on production.

**Enable Force IP** - set to Yes to replace the real IP address.

**Force IP Address** - specify the address to use instead of a real one.

## General Settings

To adjust cookie policy settings, go to **Stores → Configuration → Amasty Extensions → Cookie Consent**.

### Cookie Policy Tab

Expand this tab to configure the basic setting of the extension.

## General Settings

**Enable Cookie Policy Bar**  
[store view] Yes

**Hide the Cookie Bar if No Decision Was Taken**  
[store view] Yes

**Countries Restrictment**  
[store view] EEA Countries

**Cookie Log Auto-Cleaning Period (Days)**  
[global] 180

**Enable Cookie Policy Bar** - set to Yes to enable Cookie Notice Bar on Magento 2 frontend.

**Hide the Cookie Bar if No Decision Was Taken** - if Yes, the cookie bar will not be displayed to a customer on new pages if he doesn't accept or decline cookies. Thus, the customer will be less distracted from purchasing.

We removed the **Cookie Wall** feature as GDPR act does not longer allows merchants to forbid interaction with the webstore.

**Countries Restrictment** - enable this option to adjust the visibility of the Cookie Policy Bar on the frontend according to customer location.

You can display the Cookie Policy Bar for All Countries, EEA Countries or specific Countries selected in the list below.

**Countries Restrictment**  
[store view]

- All Countries
- All Countries
- EEA Countries
- Specified Countries

**Display for Specific Countries**  
[store view]

- Please Select--
- Afghanistan
- Albania
- Algeria

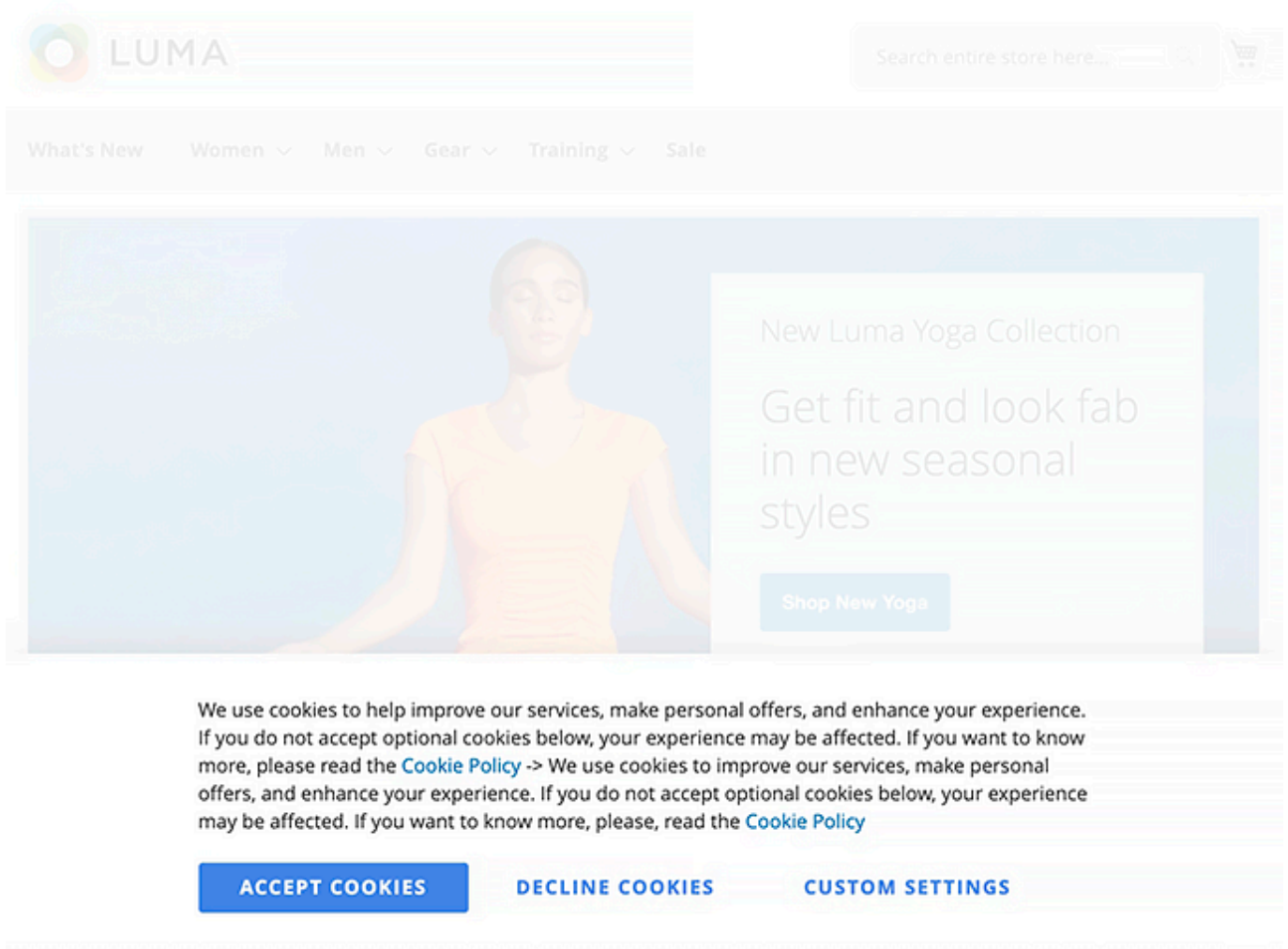
Other customers won't see the popup and a Cookie CMS Page. Consent logs are disabled for them as well.

**Cookie Log Auto-Cleaning Period (Days)** - set the period after which the records that were stored will be automatically cleaned.

## Cookie Bar Types

**Cookie Bar Style** - choose the cookie bar type suitable for your store:

- **Classic bar.** It can be displayed either on top or in the footer of the page. It contains cookie policy text and buttons.



- **Side Bar.** Pop Up with Toggles contains additional info about each cookie group and a customer can easily adjust the consent within the first interaction.

**Essential**

Necessary cookies enable core functionality of the website. Without these cookies the website can not function properly. They help to make a website usable by enabling basic functionality.

[More Information](#)

**Marketing**

Marketing cookies are used to track and collect visitors actions on the website. Cookies store user data and behaviour information, which allows advertising services to target more audience groups. Also more customized user experience can be provided according to collected information.

[More Information](#)

**Google Analytics**

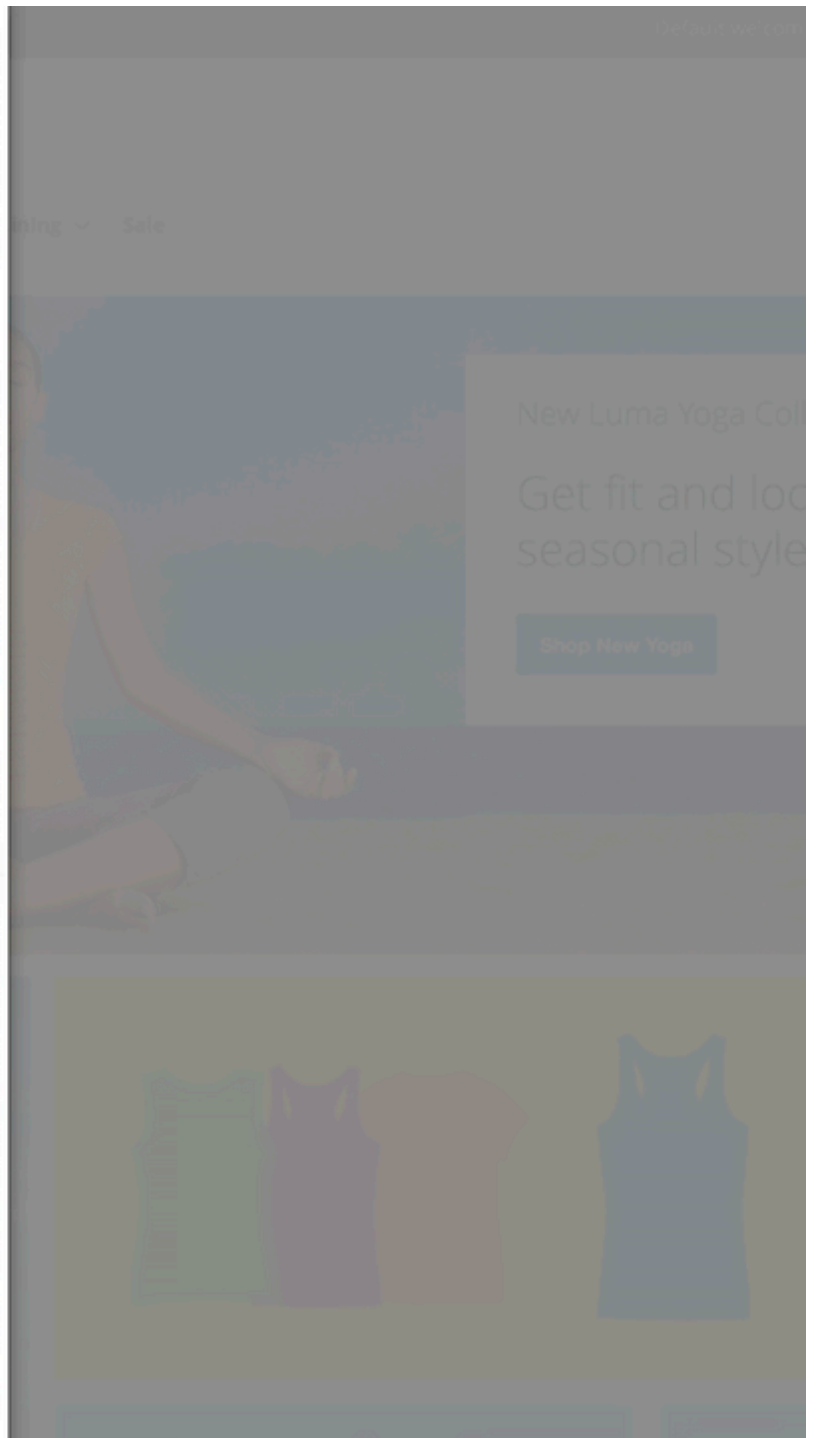
A set of cookies to collect information and report about website usage statistics without personally

We use cookies to help improve our services, make personal offers, and enhance your experience. If you do not accept optional cookies below, your experience may be affected. If you want to know more, please read the [Cookie Policy](#) -> We use cookies to improve our services, make personal offers, and enhance your experience. If you do not accept optional cookies below, your experience may be affected. If you want to know more, please, read the [Cookie Policy](#)

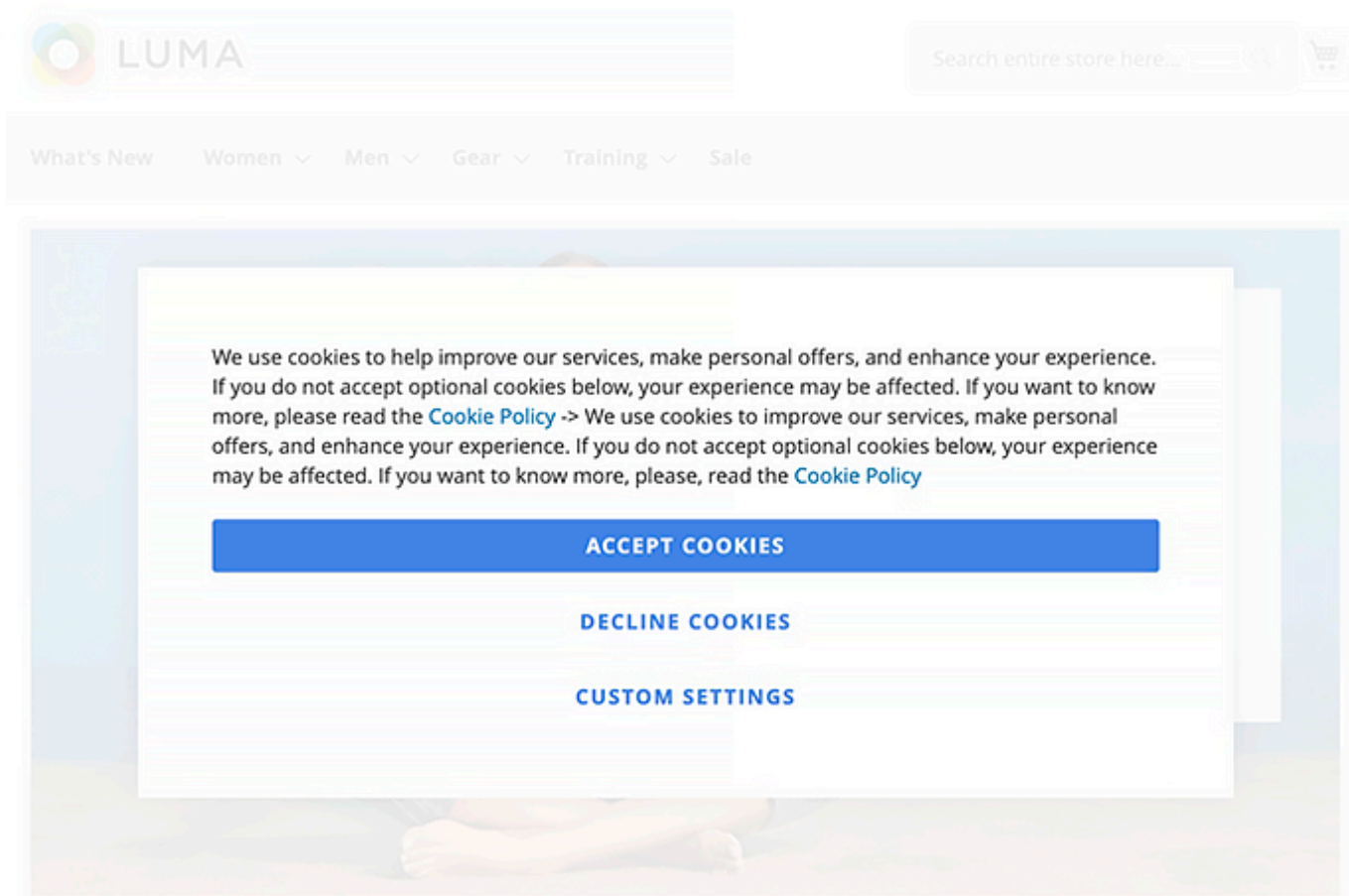
**ACCEPT COOKIES**

[DECLINE COOKIES](#)

[ALLOW ALL COOKIES](#)



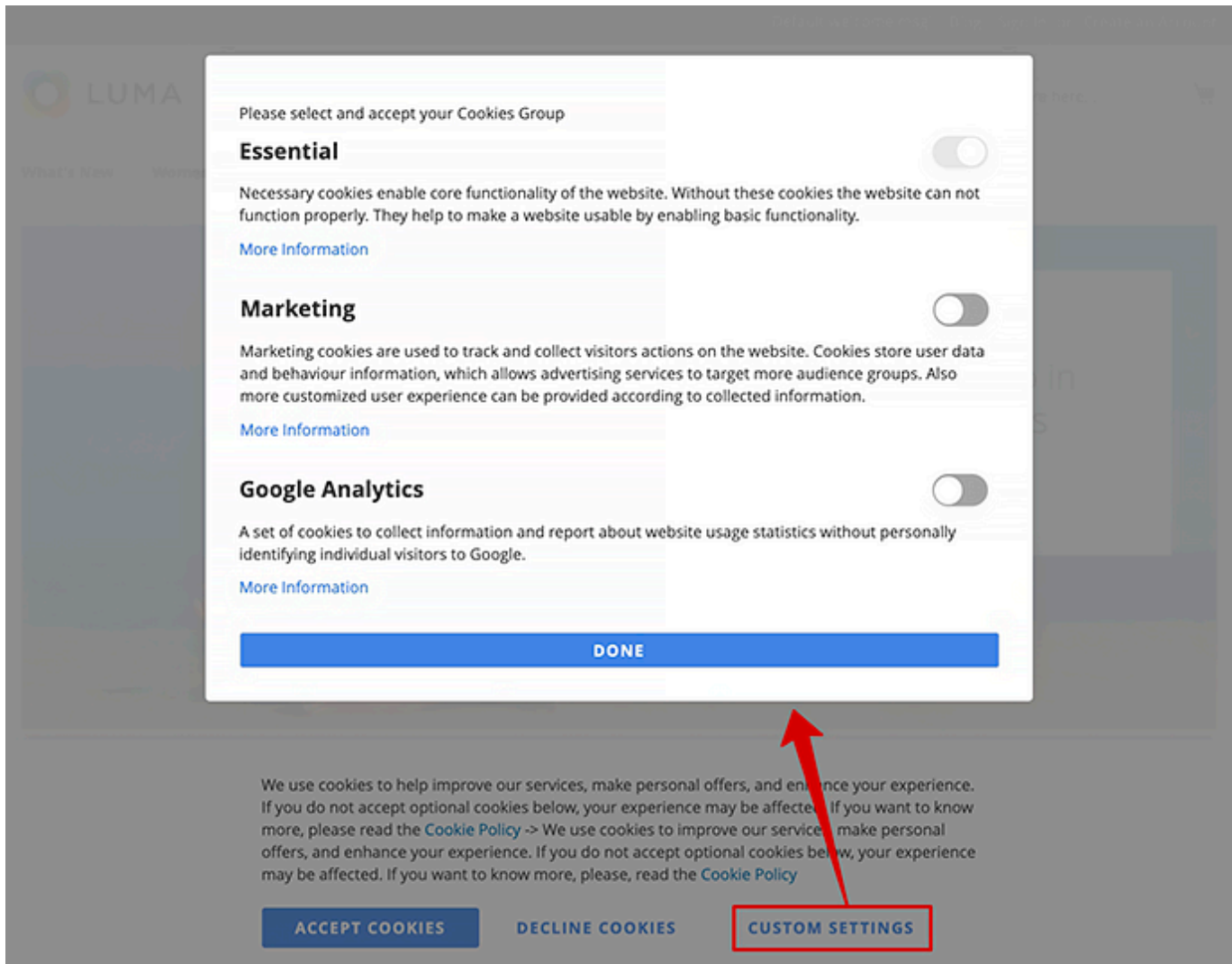
- **Pop Up.** It is displayed in the center of a page.



If customers accept all cookies regardless of a bar type, the cookie bar automatically disappears.

In case customers decide to reject all cookies at once, they can simply press the **Decline Cookies** button (button name is customizable). Please note that *Decline Cookies* button can be disabled in Admin panel if needed.

If they want to find extra information or allow specific cookies by clicking **Custom Cookies** (button name is customizable), they will see the following popup:



Thus, they can click the toggles and accept the particular cookies only.

From this popup, they can also find extra details about each cookie type by clicking **More Information** in the popup and see the info:

**Marketing**

Marketing cookies are used to track and collect visitors actions on the website. Cookies store user data and behaviour information, which allows advertising services to target more audience groups. Also more customized user experience can be provided according to collected information.

Cookie Name	Cookie Provider	Cookie Description	Cookie Lifetime	Cookie Type
section_data_ids	Magento	Stores customer-specific information related to shopper-initiated actions such as display wish list, checkout information, etc.	2600	1st Party
recently_viewed_product	Magento	Stores product IDs of recently viewed products for easy navigation.	1200	1st Party
recently_viewed_product_previous	Magento	Stores product IDs of recently previously viewed products for easy navigation.	1500	1st Party
recently_compared_product	Magento	Stores product IDs of recently compared products.	1200	1st Party
recently_compared_product_previous	Magento	Stores product IDs of previously compared products for easy navigation.	1500	1st Party

**DONE**

offers, and enhance your experience. If you do not accept optional cookies below, your experience may be affected. If you want to know more, please, read the [Cookie Policy](#)

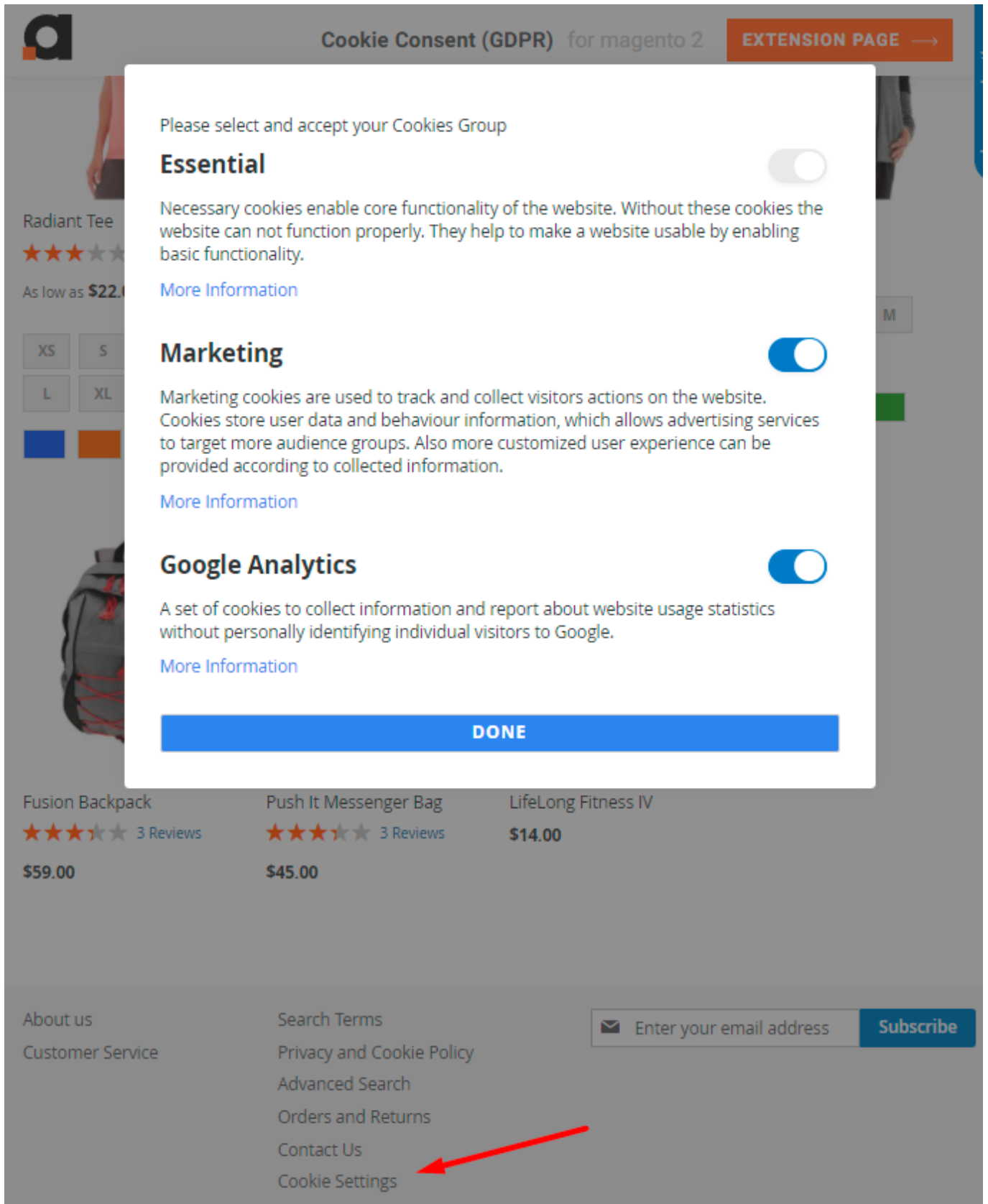
**ACCEPT COOKIES**    **DECLINE COOKIES**    **CUSTOM SETTINGS**

Keep in mind, that when you update cookies or cookie groups, a cookie banner reappears with actual information. Customers will see a cookie bar again in the following cases:

- cookie group info or cookie info (including description, lifetime, provider, etc .) has been changed;
- the statuses of particular cookies and cookie groups have been changed;
- cookies have been reassigned between groups.

### Extra Frontend Option

The extension also adds a special link to the store footer so that customers could find information about cookies and revoke previously given consents at any time. The data is also displayed in the pop-up.



## Classic Bar Design

Each bar type has multiple customization options.


For **Classic** bar you can specify the following settings:

### ⌵ Classic Bar


**Cookie Bar Location** [store view]

**Notification Text** [store view]


You can use any HTML-tags in this field. Please, mind the security.

**Background Color** [store view]  

Click the field to choose color

**Policy Text Color** [store view]  

Click the field to choose color

**Links Color** [store view]  

Click the field to choose color

### ⌵ Accept Button

### ⌵ Custom Settings Button

**Cookie Bar Location** - place a bar either at the top or in the footer.

**Notification Text** - provide the text to display in a popup. You can use any HTML-tags in this field. Please, mind the security.

With a handy color picker toolset the colors for the:

- popup background
- text of the bar
- links.

Also, you can customize the buttons.

### ⌵ Accept Button

**Button Name** [store view]

**Button Color** [store view]   
Click the field to choose color

**Button Color on Hover** [store view]   
Click the field to choose color

**Text Color** [store view]   
Click the field to choose color

**Text Color on Hover** [store view]   
Click the field to choose color

### ⌵ Decline Button

**Enable** [store view]

**Button Name** [store view]

**Button Color** [store view]   
Click the field to choose color

**Button Color on Hover** [store view]   
Click the field to choose color

**Text Color** [store view]   
Click the field to choose color

**Text Color on Hover** [store view]   
Click the field to choose color

### ⌵ Allow All Button

**Button Name** [store view]

**Button Color** [store view]   
Click the field to choose color

**Button Color on Hover** [store view]   
Click the field to choose color

**Text Color** [store view]   
Click the field to choose color

**Text Color on Hover** [store view]   
Click the field to choose color

For each button you can customize:

- button name
- sort order
- button color
- color on hover
- text color
- text color on hover.

To adjust the order of the buttons, set the sequence number for each button in the **Sort Order column** in the settings of each button.

### ⊖ Accept Button

**Button Name**   
[store view]

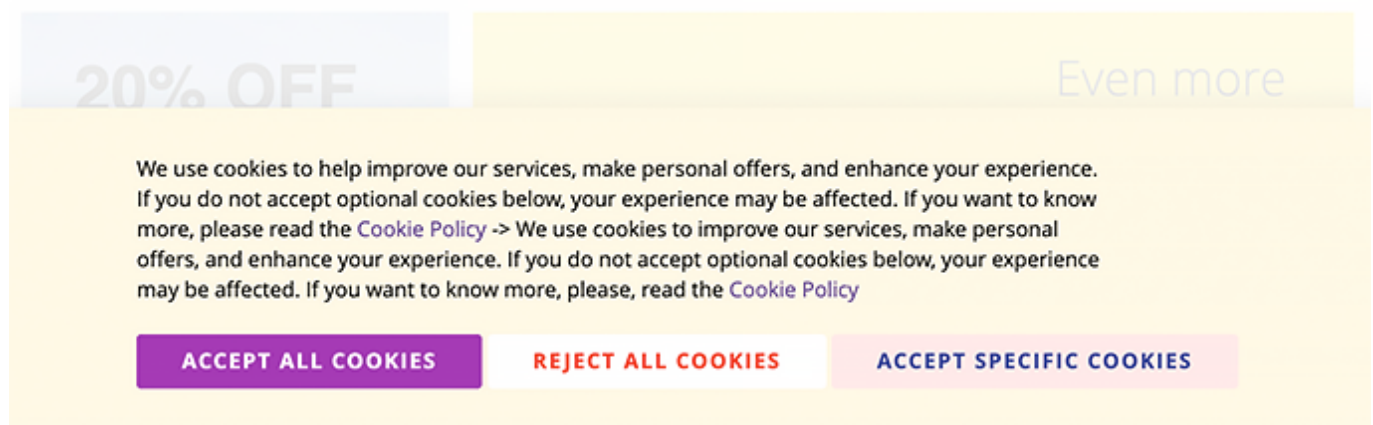
**Sort Order**   
[store view]

**Button Color**   
[store view]  
Click the field to choose color

**Button Color on Hover**   
[store view]  
Click the field to choose color

**Text Color**   
[store view]  
Click the field to choose color

**Save** configuration and **Flush Magento Cache** to see the changes. An example of design customization:



## Side Bar Design

For the side bar type there are the following settings:

### ⌵ Side Bar

**Notification Text**  
[store view]

We use cookies to help improve our services, make personal offers, and enhance your experience. If you do not accept optional cookies below, your experience may be affected. If you want to know more, please

You can use any HTML-tags in this field. Please, mind the security.

**Background Color**  
[store view]

#F9FFEFCC

Click the field to choose color

**Policy Text Color**  
[store view]

#6E0428F2

Click the field to choose color

**Links Color**  
[store view]

#34009CD9

Click the field to choose color

**Cookie Group Title Text Color**  
[store view]

#620072E6

Click the field to choose color

**Cookie Group Description Text Color**  
[store view]

#994640

Click the field to choose color

### ⌵ Accept Button

---

### ⌵ Allow All Button

Here you can customize:

- Notification Text
- Background Color
- Policy Text Color

- Links Color
- Cookie Group Title Text Color
- Cookie Group Description Text Color

For buttons, the settings are the same as for the Classic bar type.

The sample of customization:

**Essential**

Necessary cookies enable core functionality of the website. Without these cookies the website can not function properly. They help to make a website usable by enabling basic functionality.

[More Information](#)

**Marketing**

Marketing cookies are used to track and collect visitors actions on the website. Cookies store user data and behaviour information, which allows advertising services to target more audience groups. Also more customized user experience can be provided according to collected information.

[More Information](#)

**Google Analytics**

A set of cookies to collect information and report about website usage statistics without personally identifying individual visitors to Google.

[More Information](#)

We use cookies to help improve our services, make personal offers, and enhance your experience. If you do not accept optional cookies below, your experience may be affected. If you want to know more, please read the [Cookie Policy](#) -> We use cookies to improve our services, make personal offers, and enhance your experience. If you do not accept optional cookies below, your experience may be affected. If you want to know more, please, read the [Cookie Policy](#)

**ACCEPT COOKIES**

**ALLOW ALL COOKIES**

## Pop Up Design

For a pop-up style, manage the following settings:

## ⌵ Pop Up

**Notification Text**  
[store view]

We use cookies to help improve our services, make personal offers, and enhance your experience. If you do not accept optional cookies below, your experience may be affected. If you want to know more, please

You can use any HTML-tags in this field. Please, mind the security.

**Policy Text Color**  
[store view]



Click the field to choose color

**Background Color**  
[store view]



Click the field to choose color

**Links Color**  
[store view]



Click the field to choose color

## ⌵ Accept Button

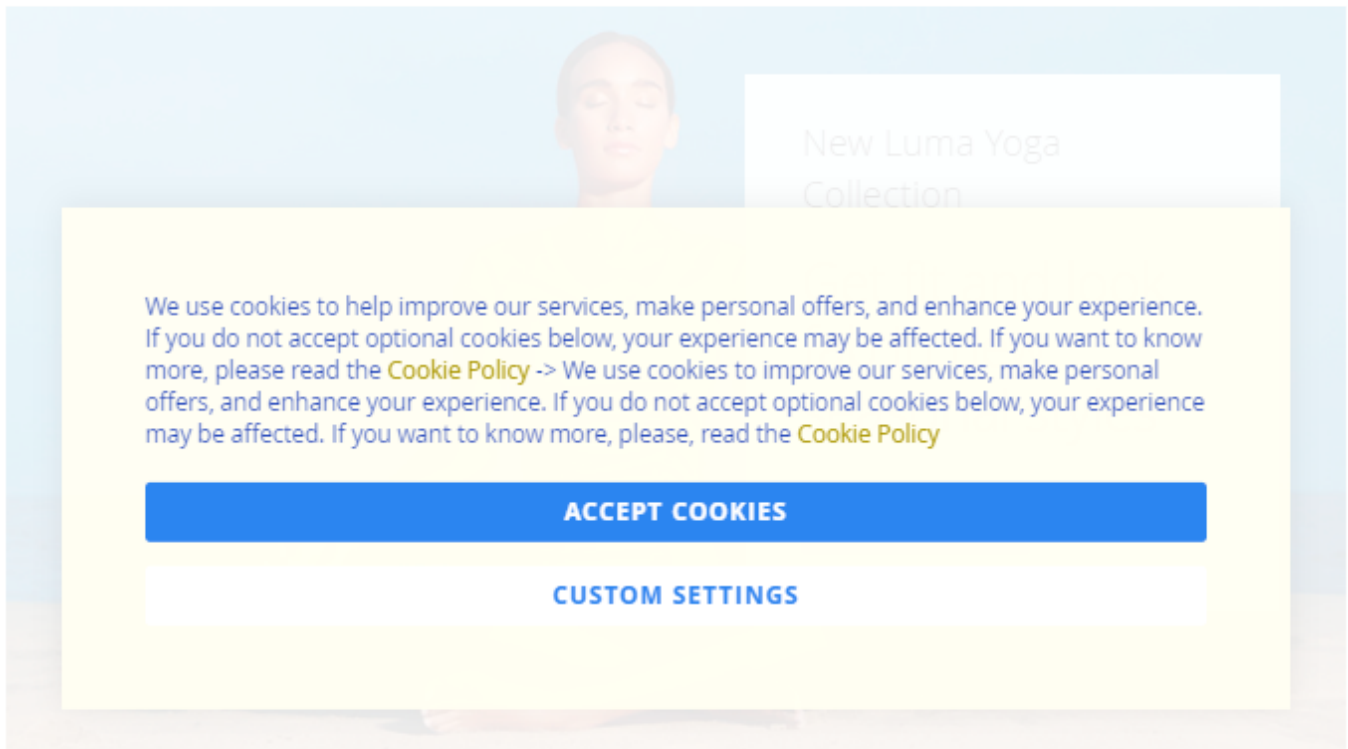
---

## ⌵ Custom Settings Button

Adjust the:

- Notification Text
- Policy Text Color
- Background Color
- Links Color
- Buttons Design (as for the other styles).

Check the result of customization:



New Luma Yoga Collection

We use cookies to help improve our services, make personal offers, and enhance your experience. If you do not accept optional cookies below, your experience may be affected. If you want to know more, please read the [Cookie Policy](#) -> We use cookies to improve our services, make personal offers, and enhance your experience. If you do not accept optional cookies below, your experience may be affected. If you want to know more, please, read the [Cookie Policy](#)

**ACCEPT COOKIES**

**CUSTOM SETTINGS**



20% OFF

Luma pants when you shop today\*

Even more ways to mix and

## Cookie Categories

To arrange cookies into essential and optional categories, go to **Customers → Cookie Groups**.

With the extension, you can manage all your cookie categories in a handy grid.

# Cookie Groups

Add New Group

Filters

Actions

3 records found

20

per page

1

of 1

<input type="checkbox"/>	ID	Cookie Group Name	Description	Is Essential	Is Enabled	Action
<input type="checkbox"/>	1	Essential	Necessary cookies enable core functionality of the website. Without these cookies the website can not function properly. They help to make a website usable by enabling basic functionality.	Yes	Yes	<a href="#">Edit</a>
<input type="checkbox"/>	2	Marketing	Marketing cookies are used to track and collect visitors actions on the website. Cookies store user data and behaviour information, which allows advertising services to target more audience groups. Also more customized user experience can be provided according to collected information.	No	Yes	<a href="#">Edit</a>
<input type="checkbox"/>	3	Google Analytics	A set of cookies to collect information and report about website usage statistics without personally identifying individual visitors to Google.	No	Yes	<a href="#">Edit</a>

On the grid the **ID**, **Cookie Group Name** and **Description** are displayed. Also, you can see if each group **Is Essential** and **Is Enabled**.

To configure any group, click *Edit* in the **Action** column.

To delete several groups in one click, tick them and choose the *Delete* option in the **Actions** dropdown menu.

To create a new category, click **Add New Group**.

# New Cookie Group

[← Back](#)   [Save and Continue Edit](#)   [Save](#)

## Settings

---

**Enabled**  Yes  
[store view]

**Is Essential**  No

**Cookie Group Name** \*   
[store view]

**Description** \*   
[store view]

**Assigned Cookies**   
[store view]

**Enabled** - choose Yes to activate the group.

**Is Essential** - set to Yes to make the group obligatory. In this case, the customers will have to allow this cookie group to get access to the website.

**Cookie Group Name** - specify the title of the cookie group that will be displayed to the customers on the frontend and on the grid in the admin panel.

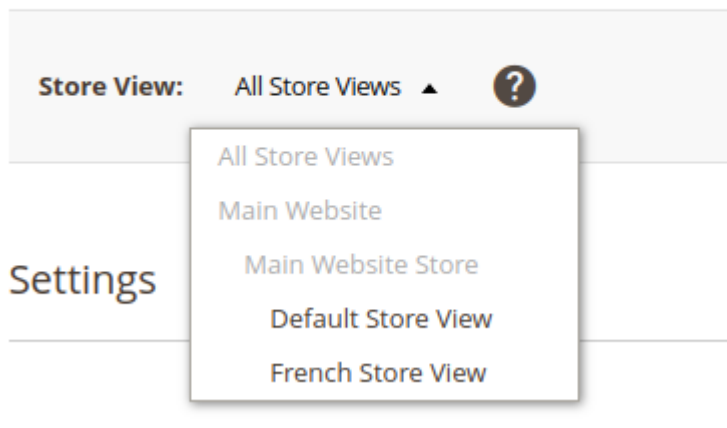
**Description** - fill in the information about the usage of the group so that the customers could decide

whether to allow this group or not.

**Assigned Cookies** - select the cookies to include in the group. See how to assign cookies to a particular category [in this section](#).

Keep in mind that you can customize cookies and cookie groups on a store view level. Just select the necessary store view on the **Edit Group/Cookie** page.

## Edit Cookie PHPSESSID



**Save** the configuration.

## Cookie Grid

To manage cookies, go to **Customers → Cookies**.

# Cookies

Add New Cookie

Filters

Actions

22 records found

20

per page

<

1

of 2

>

<input type="checkbox"/>	ID	Cookie Name	Cookie Provider	Cookie Group	Description	Cookie Lifetime	Cookie Type	Action
<input type="checkbox"/>	1	PHPSESSID	Magento	Essential	To store the logged in user's username and a 128bit encrypted key.This information is required to allow a user to stay logged in to a web sitewithout needing to submit their username and password for each page visited. Without this cookie, a user is unable to proceed to areas of the web site that require authenticated access.	180	1st Party	<a href="#">Edit</a>
<input type="checkbox"/>	2	private_content_version	Magento	Essential	Appends a random, unique number and time to pages with customer content to prevent them from being cached on the server.	300	1st Party	<a href="#">Edit</a>
<input type="checkbox"/>	3	persistent_shopping_cart	Magento	Essential	Stores the key (ID) of persistent cart to make it possible to restore the cart for an anonymous	1200	1st Party	<a href="#">Edit</a>

With the extension, you can track and filter cookies on a separate grid by its **ID**, **Cookie Group** and **Cookie Name**

To view or change the configuration of a cookie, click *Edit* in the **Action** column.

To delete cookies, tick them and choose the *Delete* option in the **Actions** dropdown menu.

To create a new cookie, hit the **Add New Cookie** button. All the information you provide about a cookie will be displayed to customers on the frontend in the appropriate section.

# New Cookie

[← Back](#)   [Save and Continue Edit](#)   [Save](#)

## Settings

---

**Enabled** [store view]  Yes

**Cookie Name** \*

**Cookie Provider**

**Description** \* [store view]

**Cookie Lifetime** [store view]

**Cookie Type**  ▼

**Cookie Group** [store view]  ▼

**Cookie Name** - specify the title of the cookie.

**Cookie Provider** - specify the company that uses and analyzes a particular cookie.

**Description** - fill in some information about the usage of the cookie.

**Cookie Lifetime** - set the lifetime of a cookie that will be displayed to customers on the Cookie CMS page.

**Cookie Type** - choose the type of the request in which a cookie is sent: 1st Party or 3rd Party.

**Cookie Group** - assign the cookie to a particular group.

Make sure that a **section\_data\_ids** cookie is placed in the Essential group to avoid issues with the shopping cart updating.

## Cookie Consents Log

To find the list of all consents and customers data, go to **Customers → Cookie Consents Log**.

Cookie Consents Log demouser ▾

Filters
Default View ▾
Columns ▾

3 records found 20 per page < 1 of 1 >

Customer Id	Customer Name	Customer Email	Ip Address	Website	Date	Consent Status
1	Veronica Costello	roni_cost@example.com	213.184.226.0	Main Website	Feb 28, 2020 11:45:34 AM	All Allowed
2	Peter Brown	peter_brown@example.com	213.184.226.0	Main Website	Feb 28, 2020 11:47:59 AM	<b>Essential:</b> Allowed <b>Marketing:</b> Allowed
3	Jane Green	jane_green@example.com	213.184.226.0	Main Website	Feb 28, 2020 11:49:51 AM	<b>Essential:</b> Allowed

You can find all needed info in one place. The grid allows to track consents by customer **Name**, **Email**, **IP Address**, **Website**, **Consent Type**, **Date** and **Consent Status**. This data can be useful for different consents analysis.

## JavaScript and PHP APIs for 3rd-party Cookies Block

Now the extension includes JavaScript and PHP APIs to let you block cookies added on your frontend by JS component.

To implement the compatibility, do the following:

- create a 3rd-party cookie on the Cookies grid (similar to cookies added by the extension)
- assign a cookie to the required cookie group
- **change particular files as described below**

For example, you have the JS component or simple script that adds some cookie on your frontend:

```
define([
```

```
'jquery',
  'uiCollection',
  // Some other dependencies
], function ($) {
  'use strict';

  return Collection.extend({
    initialize: function () {
      this._super();
      this.yourCustomMethodToAddCookie();
      return this;
    },
    /**
     * Method to initialize custom cookie
     */
    yourCustomMethodToAddCookie: function () {
      $.mage.cookies.set('my-awesome-cookie', 'cookie-data-value');
    }
  });
});
```

With our module, you can make this cookie GDPR-compliant. Use one of the approaches below (or even both if you wish).

## Synchronous approach

**Pros:** Your custom JS code will be executed on demand without any delays

**Cons:** It's impossible to check essential cookies. Thus, you should avoid using this approach when you have different essential cookies on your stores.

Let's modify the component to make it GDPR-compliant via Synchronous approach:

```
define([
  'jquery',
  'uiCollection'
], function ($) {
  'use strict';

  return Collection.extend({
    initialize: function () {
      this._super();
      this.yourCustomMethodToAddCookie();
      return this;
    },
    /**
     * Method to initialize custom cookie
     */
  });
});
```

```

    yourCustomMethodToAddCookie: function () {
        var disallowedCookies = document.cookie.match(new RegExp('(^[|
)amcookie_disallowed=([^;]+)')) || [];
        var allowedCookies = document.cookie.match(new RegExp('(^[|
)amcookie_allowed=([^;]+)')) || [];
        var isAllowedToRunScript = !!allowedCookies.length &&
(!disallowedCookies[2] || disallowedCookies[2].split('%2C').indexOf('my-
awesome-cookie') === -1)
        if (isAllowedToRunScript) {
            $.mage.cookies.set('my-awesome-cookie', 'cookie-data-
value');
        }
    }
});
});

```

## Asynchronous approach

**Pros:** All GDPR Cookie JS logic and your custom JS logic is fully compliant. You will have full control over cookies added via custom JS code and run a custom code after cookie acceptance

**Cons:** Your JS code will be executed after some GDPR Cookie JS logic with delay.

Let's modify the component to make it compliant via Asynchronous approach:

```

define([
    'jquery',
    'uiCollection'
], function ($, Collection) {
    'use strict';

    return Collection.extend({
        initialize: function () {
            this._super();
            this.cookieCompilantMethodWrapper(this.yourCustomMethodToAddCookie.bind(this
)); // Wrap your method with error resistant wrapper
            this.initCookieEventListeners(); // Add event listener to run
custom code immediately after the client accepts the cookies.
            return this;
        },
        /**
         * Cookie Allow and Save actions event listener
         */
        initCookieEventListeners: function () {
            $('body').on('amcookie_save amcookie_allow', function () {
                this.cookieCompilantMethodWrapper(this.yourCustomMethodToAddCookie.bind(this
));
            }.bind(this));
        }
    });

```

```
    },
    /**
     * Cookie compilant wrapper for your method
     */
    cookieCompilantMethodWrapper: function (cookieSetterCallback) {
        require(['Amasty_GdprCookie/js/model/cookie'], function
(cookieModel) {
            if (cookieModel.isCookieAllowed('my-awesome-cookie')) {
                cookieSetterCallback();
            }
        }, function(errorMessage) {
            cookieSetterCallback(); // In case if not existing of Amasty
component we MUST run the callback
        });
    },
    /**
     * Method to initialize custom cookie
     */
    yourCustomMethodToAddCookie: function () {
        $.mage.cookies.set('my-awesome-cookie', 'cookie-data-value');
    }
});
});
```

Find out how to install the Cookie Consent for Magento 2 via [Composer](#).

From:

<https://stg.amasty.net/docs/> - **Amasty Extensions FAQ**

Permanent link:

[https://stg.amasty.net/docs/doku.php?id=magento\\_2:cookie\\_consent](https://stg.amasty.net/docs/doku.php?id=magento_2:cookie_consent)



Last update: **2022/03/31 11:47**