

## 3 Manual:Semantic MediaWiki/Examples/Customer data /Template styling

A [quality version](#) of this page, [approved](#) on *22 December 2020*, was based off this revision.

By default, a semantic template that was created with the page *Special:CreateTemplate*, is displayed in a basic table format. Each property/value pair is shown in a new table row. The table width adjusts to the table content.

<b>Location</b>	Regensburg
<b>Contact</b>	Jane Doe
<b>First contact</b>	2020/12/21

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Default table of a semantic template

To change the table layout, we can add some styling information to the template.

### Adjusting the template styling

To format the table, we create a subpage to the template. It contains the custom template styles. In the following example, we create a variation of the original table with a width of 100%, left-aligned labels and more padding in the table cells.

<b>Location</b>	Regensburg
<b>Contact</b>	Jane Doe
<b>First contact</b>	2020/12/21

Customized table styling

1

Create the subpage *styles.css*. For the template *Customer data*, you need to create the page *Template:Customer data/styles.css*.

2

To achieve the shown table styling, add the following code to the new *styles.css*.

```
table.mysmwtable {
  width:100%; /*width of the box/
  margin: 0 0 2em 0; /*cell padding*/
  background-color: #f8f9fa; /*background color for the table*/
  color: #222; /*Textfarbe*/
  border: 1px solid #a2a9b1; /*border*/
  border-collapse: collapse; /*border*/
```

```

}
table.mysmwtable > tr > th, table.mysmwtable > * > tr > th {
    background-color: #eaeef0; /*background color of the label column*/
    text-align: left; /*alignment of the label column*/
    width:25%;/*width of the label column*/
}
table.mysmwtable > tr > td, table.mysmwtable > * > tr > td {
    background-color: #f8f9fa; /*background-color of the second column*/
}
table.mysmwtable > tr > th, table.mysmwtable > tr > td, table.mysmwtable > * >
tr > th, table.mysmwtable > * > tr > td {
    border: 1px solid #a2a9b1; /*border around cells*/
    padding: 10px; /*cell padding*/
}
form.createbox table.formtable th {
    padding:10px 0; /*distance between form fields*/
}

```

## Creating Template:Customer data/styles.css

[Manage TemplateData](#)

[Information about TemplateData](#)

You have followed a link to a page that does not exist yet. To create the page, start typing in the box below (see the [help page](#) for more info). If you are here by mistake, click your browser's **back** button.

```

1 table.mysmwtable {
2     width:100%; /*width of the box/
3     margin: 0 0 2em 0; /*cell padding*/
4     background-color: #f8f9fa; /*background color for the table*/
5     color: #222; /*Textfarbe*/
6     border: 1px solid #a2a9b1; /*border*/
7     border-collapse: collapse; /*border*/
8 }
9 table.mysmwtable > tr > th, table.mysmwtable > * > tr > th {
10    background-color: #eaeef0; /*background color of the label column*/
11    text-align: left; /*alignment of the label column*/
12    width:25%;/*width of the label column*/
13 }
14 table.mysmwtable > tr > td, table.mysmwtable > * > tr > td {
15    background-color: #f8f9fa; /*background-color of the second column*/
16 }
17 table.mysmwtable > tr > th, table.mysmwtable > tr > td, table.mysmwtable > * > tr > th, table.mysmwtable > * > tr > td {
18    border: 1px solid #a2a9b1; /*border around cells*/
19    padding: 10px; /*cell padding*/
20 }

```

Summary:

255

Watch this page

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Create a custom table style

**Save** the page.

**3** Now edit the page *Template:Customer data*.

(1) Add the reference to the page *styles.css* at the beginning of the template. You can copy the following tag:

```
<templatestyles src="Customer_data/styles.css" />
```

(2) Change the name of the css-class used in the table from *wikitable mysmwtable*.

## Template:Customer data

```
<templatestyles src="Customer data/styles.css" />
```

1

```
<noinclude>
```

This is the "Customer data" template.

It should be called in the following format:

```
<pre>
```

```
{{Customer data
```

```
|location=
```

```
|contactperson=
```

```
|firstcontact=
```

```
}}
```

```
</pre>
```

Edit the page to see the template text.

```
</noinclude><includeonly>
```

```
{| class="mysmwtable"
```

2

```
! Location
```

```
| [[Has location::{{{location}}}]]
```

```
|-
```

```
! Contact
```

```
| [[Has contact person::{{{contactperson}}}]]
```

Add style tag to the template

**Save** the changes.

Now you can see the new table styling..

As a variation, you can also define the background color of the table cells. For example, you can create white cell backgrounds. Change the following lines in your *styles.css*:

```
table.mysmwtable > tr > th, table.mysmwtable > * > tr > th {
    background-color: white; /*background color of the label column*/
}
```

sowie

```
table.smwtable > tr > td, table.smwtable > * > tr > td {
    background-color: white; /*Hintergrundfarbe der Wertespalte*/
}
```

Im CSS ändern sich also folgende Zeilen:

```

1 table.mysmwtable {
2   width:100%; /*width of the box/
3   margin: 0 0 2em 0; /*cell padding*/
4   background-color: #f8f9fa; /*background color for the table*/
5   color: #222; /*Textfarbe*/
6   border: 1px solid #a2a9b1; /*border*/
7   border-collapse: collapse; /*border*/
8 }
9 table.mysmwtable > tr > th, table.mysmwtable > * > tr > th {
10  background-color: white; /*background color of the label column*/ 1
11  text-align: left; /*alignment of the label column*/
12  width:25%;/*width of the label column*/
13 }
14 table.mysmwtable > tr > td, table.mysmwtable > * > tr > td {
15  background-color: white; /*background-color of the second column*/ 2
16 }
17 table.mysmwtable > tr > th, table.mysmwtable > tr > td, table.mysmwtable > * > tr > th, table.mysmwtable > * > tr > td {
18   border: 1px solid #a2a9b1; /*border around cells*/
19   padding: 10px; /*cell padding*/

```

White cell backgrounds

Die Zellhintergründe werden entsprechend angepasst.

<b>Location</b>	Regensburg
<b>Contact</b>	Jane Doe
<b>First contact</b>	2020/12/21

Display of white table backgrounds

## Infobox

You can also format the table as an infobox. An infobox is floating to the left or right of the text flow.

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<b>Location</b>	Regensburg
<b>Contact</b>	Jane Doe
<b>First contact</b>	2020/12/21

Infobox

1

Add the following css-code to the page `Template:Customer_data/styles.css` and save the template. Delete any previous styles for the class `.mysmwtable` to avoid any inheritance problems for the styles:

```

table.mysmwtable {
  float:right; /*right-aligned infobox*/
  width:300px; /*width of the box*/

```

```
margin: 0 0 2em 2em; /*cell padding*/
background-color: #f8f9fa; /*background color for the table*/
color: #222; /*Textfarbe*/
border: 1px solid #a2a9b1; /*border*/
border-collapse: collapse; /*border*/
}
table.mysmwtable > tr > th, table.mysmwtable > * > tr > th {
    background-color: #eaeef0; /*background color of the label column*/
    text-align: left; /*alignment of the label column*/
}
table.mysmwtable > tr > th, table.mysmwtable > tr > td, table.mysmwtable > * > tr
> th, table.mysmwtable > * > tr > td {
    border: 1px solid #a2a9b1; /*border around cells*/
    padding: 0.2em 0.4em; /*cell padding*/
}
form.createbox table.formtable th {
    padding: 10px 0; /*distance between form fields*/
}
```

**Tip:** If you need different output formats, create separate templates to accommodate the styling. The templates can then use different subpages (styles.css) for each styling.