

# Aligning Background Images with Borders and Paddings

In this lesson we will learn how to align images with borders and paddings.  
Let's begin! :)

## WE'LL COVER THE FOLLOWING

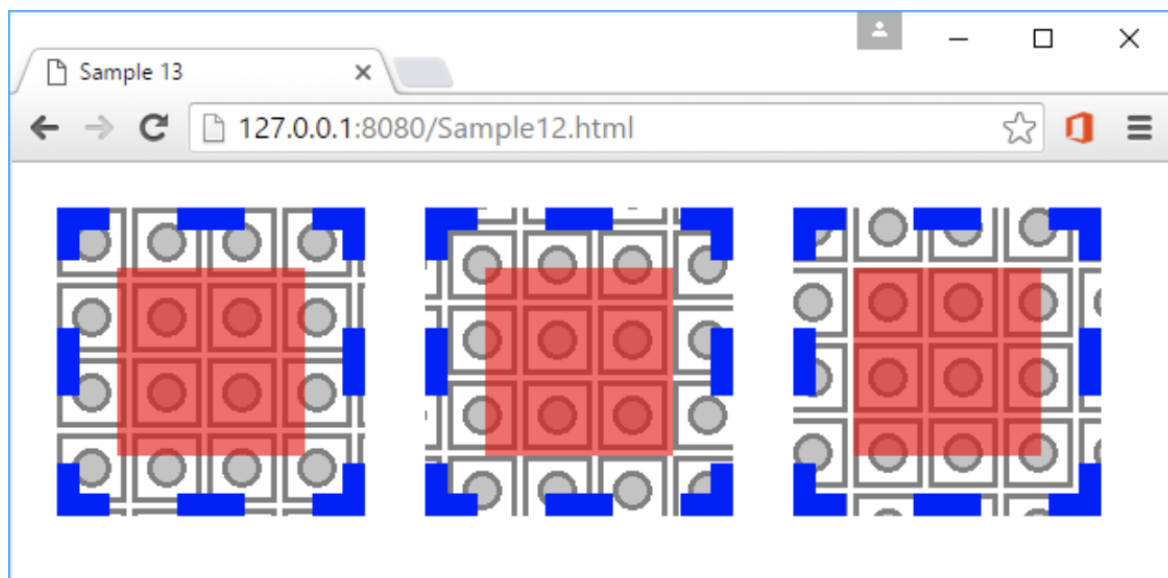


- Ensuring a *pixel-precise* design

## Ensuring a *pixel-precise* design #

When you use background images with elements that have paddings and borders, there are a few issues that should be considered. Sometimes you need a *pixel-precise* design, and it does matter how your background image is aligned to its context. With the `background-origin` property, you can specify whether an image is aligned with the full box containing the border and paddings around the context ( `border-box` ), or with the padding ( `padding-box` , this is the default).

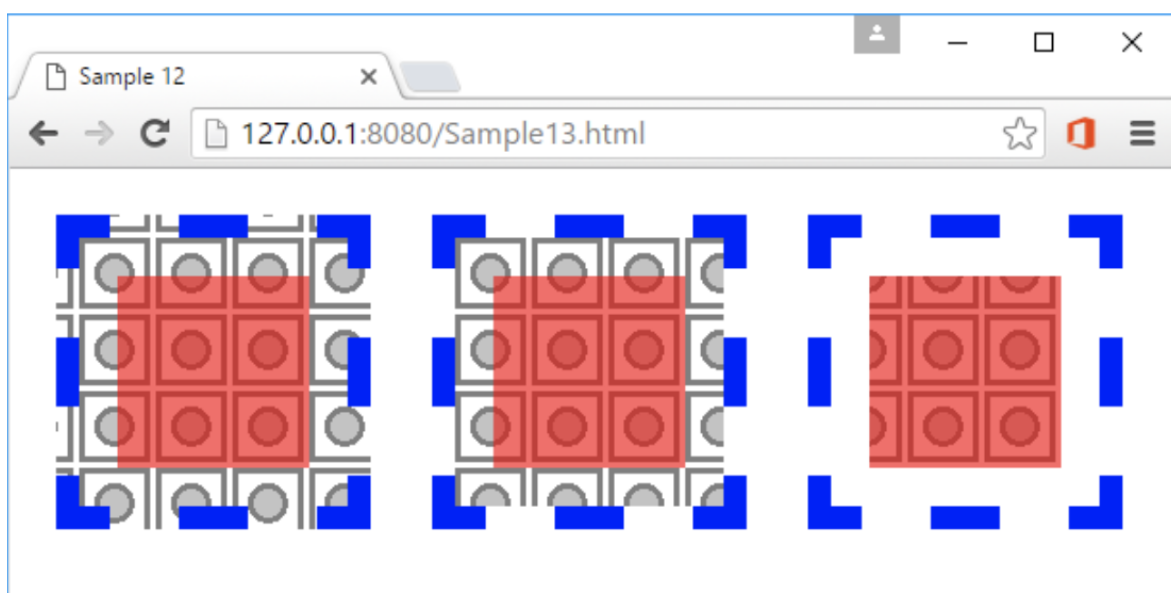
If you need to, you can align the image with the content ( `content-box` ). An example of each setting is shown in the figure below. The background image is the bordered square with a filled circle within. In the figure, you can observe, how the `top-left` corner of the square is aligned with the boxes, depending on the value of `background-origin`.



Using different background-origin values, from left to right: border-box, padding-box, and content-box (Sample12.html)

With the `background-clip` property you can limit the area where the background image appears. You can use the same values as with `background-origin` to specify where the image appears.

The image below shows each `background-clip` settings, while using the default `background-origin` setting, `padding-box`.



Using different background-clip values, from left to right: border-box, padding-box, and content-box (Sample13.html)

In the *next lesson*, we will size background images in CSS.