border-image

Images can be assigned to borders based on a single image file.
The `border` property must be set.

Compatibility   **General description**   **Examples**   **Further reading**

Comments

Compatibility

`-webkit-border-image`   � ▢ ▢

`border-image`   🟧 🟨 🟥

Not supported by Internet Explorer, Opera Mini and IE Mobile. For detailed compatibility info see **caniuse.com**. For a better understanding of the admittedly difficult syntax see **border-image.com**.

Firefox 15+ Safari 6+, Chrome 15+ Opera 15+
iOS 3.2+ Android 2.1+ Blackberry 7+

General description

border-image: `url(image.png)` `3` / `5px` `round`
① ② ③ ④

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① The path to the background image file.

② Sets the size of the areas that are taken to draw border. Can consist of up to four values each representing one side of the border. General**shorthand rule** applys.

③ *(Optional, separated by a slash)* Border width. Can be different from value ② and the `border-width` property set. General **shorthand rule** applys.

④ *(Optional, separated by a slash)* Specifies how the image is fitted to the four sides of the border. Possible values are: `stretch` (default), `round` and `repeat` (see examples). If one value is set it is taken for all four sides of the border, with two value the first applys to top/bottom and the second to left/right. This value has no effect on the corners.
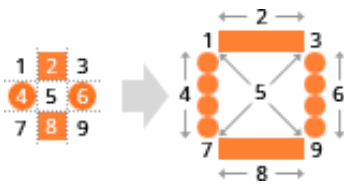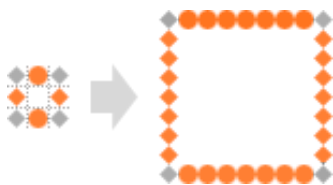
Examples

Tiled border image with matrix applied

`border-image: url(image.png)` **(1)** `9` **(2)** `round`

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(1) The area taken for all the four sides is `9` pixels high/wide

(2) The background image is tiled and fitted (`round`).

Border image with matrix applied and two sides stretched

`border-image: url(image.png)` **(1)** `7` **(2)** `15` **(3)** `round stretch`

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(1) The top and bottom parts of the background image are `7` pixels high.

(2) The left and right parts are `15` pixels wide.

(3) The top/bottom areas of the border image are tiled and fitted (`round`), the left/right areas are stretched to the whole height (`stretch`) .
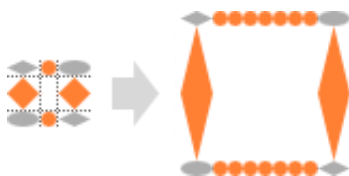
Further reading

For more info see the **W3C site**, the **Safari site** and the **site at MDN**(including compatibility info for older browser versions).

border-radius

Is used to round the corners of an element that has the `border` or `background` property set.

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Compatibility

```
border-radius
  border-top-left-radius
  border-top-right-radius
  border-bottom-right-radius
  border-bottom-left-radius
```

Not supported by Opera Mini. For detailed compatibility info see**caniuse.com**.

Firefox 4+ Safari 5+, Chrome 10+ Internet Explorer 9+ Opera 11+
iOS 4+ Android 2.2+ Blackberry 7+ IE Mobile 10+

General description

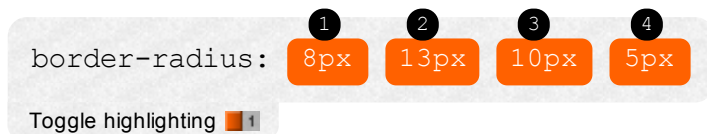border-radius: **8px** / **13px**

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1 The radius of the quarter circles that form the shapes of the corners.

2 *(Optional, separated by a slash)* The vertical radius, which results in a quarter ellipse when different from the horizontal radius.
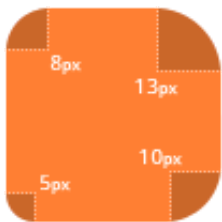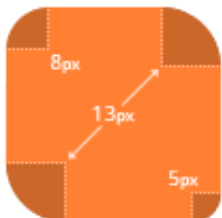
Examples

Four values given

`border-radius:` `8px` ① `13px` ② `10px` ③ `5px` ④

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① Top left corner. ② Top right corner. ③ Bottom right corner. ④ Bottom left corner.

Three values given

`border-radius:` `8px` ① `13px` ② `5px` ③

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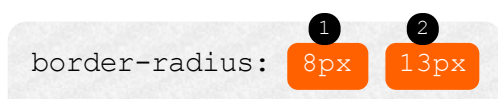
① Top left corner. ② Top right **AND** bottom left corner. ③ Bottom right corner.

Two values given

`border-radius:` `8px` ① `13px` ②

1 Top left **AND** bottom right corner. **2** Top right **AND** bottom left corner.
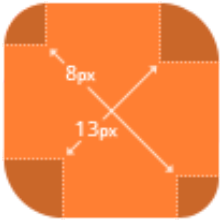
One value given

```
border-radius:  8px
```

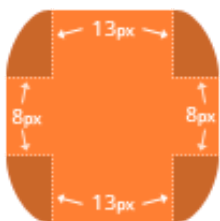**1** All four corners rounded equally.

Elliptical corners, two values given

With the addition of a slash it is possible to set the horizontal and vertical radii separately.
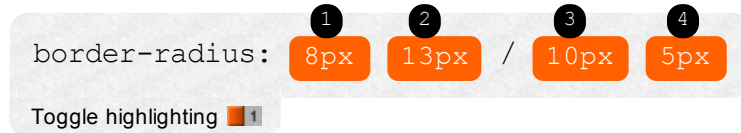
```
border-radius:  8px  /  13px
```

1 All horizontal radii set equally. **2** All vertical radii set equally.

Elliptical corners, four values given

Three and four values on each side of the slash follow the notation given above (without slash).

```
border-radius:  8px  13px  /  10px  5px
```

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1 Horizontal radii for top left **AND** bottom right corners.

2 Horizontal radii for top right **AND** bottom left corners.

3 Vertical radii for top left **AND** bottom right corners.

4 Vertical radii for top right **AND** bottom left corners.