

Converting Colors

Hex(EF311B)

Have a look what the booklet for
Hex(EE311B) contains.

Hex(EE311B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(E E311B)

Conversions

Conversions Part 1

Format	Color
Hex	EE311B
RGB	238, 49, 27
RGB Percent	93%, 19%, 11%
CMY	0.0667, 0.8078, 0.8941
CMYK	0.00, 0.79, 0.89, 0.07
HSL	6°, 86%, 52%
HSV	6°, 89%, 93%
XYZ	36.5560, 20.4529, 3.0580
YIQ	103.0030, 119.7060, 33.2260

Conversions

Conversions Part 2

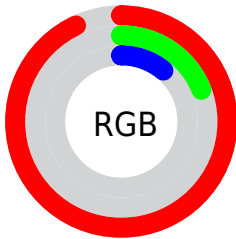
Format	Color
R_{YB}	238, 52, 27
Decimal	15610139
CIE _{Lab}	52.35, 69.02, 57.04
CIE _{LCh}	52, 89.545, 39.571
Yxy	20.4529, 0.6086, 0.3405
Android (android.graphics.Color)	4293800219 (0xFFEE311B)
YUV	103.0030, -37.4695, 118.3924
Hunter-Lab	45.2249, 65.1410, 27.6484

Details

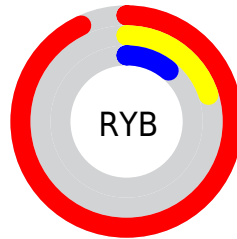
The Hex color **EE311B** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **1BD8EE**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **FF704C**, and **AC0000** is the 20% darker color. If you saturate the color by 10%, you get **EE1C03**, and if you desaturate by 10%, it is **EE4633**.

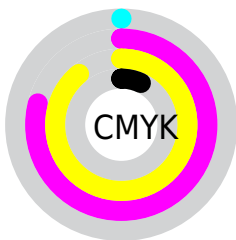
Distribution



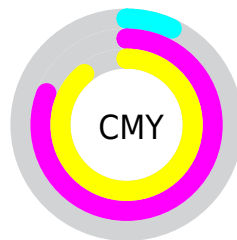
- Red (93%)
- Green (19%)
- Blue (11%)



- Red (93%)
- Yellow (20%)
- Blue (11%)



- Cyan (0%)
- Magenta (79%)
- Yellow (89%)
- Black (7%)



- Cyan (7%)
- Magenta (81%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color EE311B changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color EE311B by changing the saturation by 10% instead.

 EE311B

 EE311B

FFFFFF

 CD0000

 FF704C

 AC0000

 FF8E65

 8C0000

 FFAB7F

 6C0000

 FFC89A

 4E0003

 FFE6B5

 2F0002

 FFFFD1

 000000

 FFFFEE

 EE311B

 EE311B

■ EE1C03

■ EE4633

■ EE1900

■ EE5C4B

■ EE7162

■ EE867A

■ EE9C92

■ EEB1AA

■ EEC6C2

■ EEDCD9

■ EEF1F1

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FE0068



EE311B



C16500

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



EE311B



009943



0080FF

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



EE311B



1BD8EE

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



0094FF



EE311B



009C95

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



EE311B



169200



009BDE



9859F5

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



EE311B



997A00



009BDE



0088FF

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



EE311B



FFC1BA



EE1BD9



805B57



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



EE311B



FF1B00



EE9A1B



786D6C



B81300



380600

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



1BD8EE



00E4FF



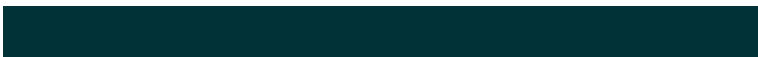
1B6FEE



6C7778



00A4B8



003238

Previews

White Background



This preview shows how the Hex color EE311B looks on a white background.

Color Contrast Check

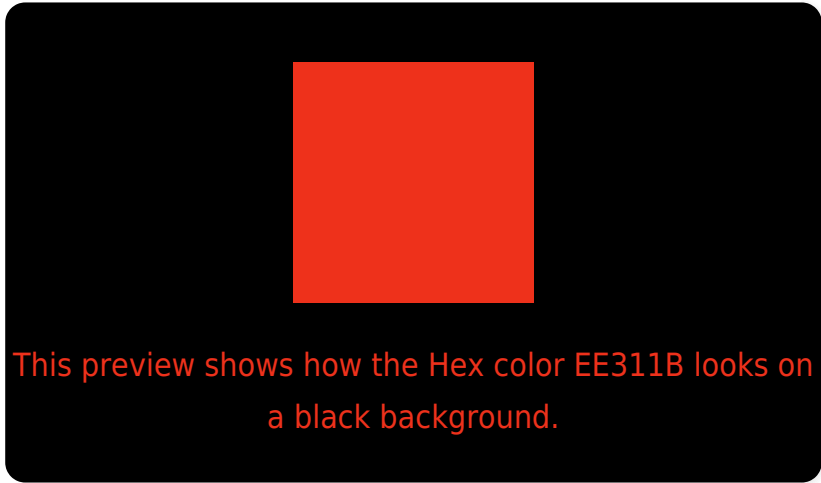
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex EE311B Background



This preview shows how black text looks on a background with the Hex color EE311B.

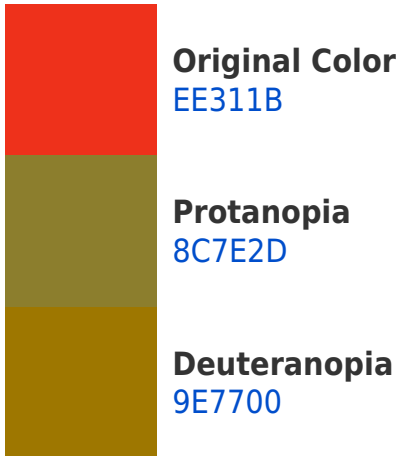


This preview shows how white text looks on a background with the Hex color EE311B.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Original Color
EE311B

Protanomaly
B06226

Deuteranomaly
BB5E0A

Tritanomaly
EE3028

Monochromacy



Original Color
EE311B

Achromatopsia
676767

Achromatomaly
98534B

CSS Examples

Text

The CSS property to change the color of the text to Hex EE311B is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #EE311B looks like.

```
.text, #text, p{  
    color:#EE311B  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #EE311B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EE311B
}
```

Border

The CSS property to change the border of an element to Hex EE311B is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#EE311B }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#EE311B }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #EE311B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EE311B; -webkit-box-shadow:4px 4px  
4px 4px #EE311B; box-shadow:4px 4px 4px  
4px #EE311B }
```

Background

The CSS property to change the background color of an element to Hex EE311B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EE311B }
```

If only the background color should be changed can be used:

```
.background{ background-color:#EE311B }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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