

Converting Colors

Hex(EC451B)

Have a look what the booklet for
Hex(EC451B) contains.

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Color

Hex(EC451B)

Conversions

Conversions Part 1

Format	Color
Hex	EC451B
RGB	236, 69, 27
RGB Percent	93%, 27%, 11%
CMY	0.0745, 0.7294, 0.8941
CMYK	0.00, 0.71, 0.89, 0.07
HSL	12°, 85%, 52%
HSV	12°, 89%, 93%
XYZ	36.9180, 22.1682, 3.3700
YIQ	114.1450, 113.0140, 22.3420

Conversions

Conversions Part 2

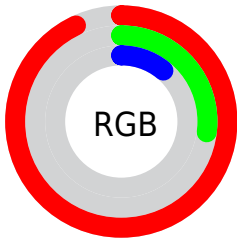
Format	Color
R_{YB}	236, 80, 27
Decimal	15484187
CIE _{Lab}	54.21, 62.20, 58.25
CIE _{LCh}	54, 85.219, 43.119
Yxy	22.1682, 0.5911, 0.3549
Android (android.graphics.Color)	4293674267 (0xFFEC451B)
YUV	114.1450, -42.9625, 106.8668
Hunter-Lab	47.0832, 57.5667, 28.7145

Details

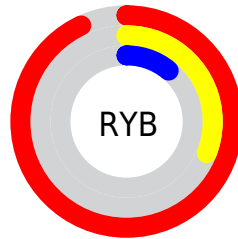
The Hex color **EC451B** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **1BC2EC**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **FF7F4E**, and **AB0000** is the 20% darker color. If you saturate the color by 10%, you get **EC3203**, and if you desaturate by 10%, it is **EC5833**.

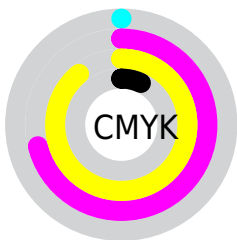
Distribution



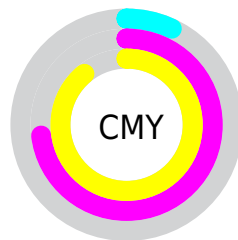
- Red (93%)
- Green (27%)
- Blue (11%)



- Red (93%)
- Yellow (31%)
- Blue (11%)



- Cyan (0%)
- Magenta (71%)
- Yellow (89%)
- Black (7%)



- Cyan (7%)
- Magenta (73%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color EC451B 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 EC451B by changing the saturation by 10% instead.

 EC451B

 EC451B

FFFFFF

 CB2400

 FF7F4E

 AB0000

 FF9B67

 8B0000

 FFB881

 6B0000

 FFD59C

 4D0002

 FFF3B7

 300002

 FFFFD3

 000000

 FFFFF0

 EC451B

 EC451B

 EC3203

 EC5833

 EC2F00

 EC6B4A

 EC7E62

 EC9079

 ECA391

 ECB6A9

 ECC9C0

 ECD8D8

 ECEFEF

Harmonies

Analogous

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



FF0065



EC451B



BF6F00

Triad

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



EC451B



009E54



0081FF

Complementary

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



EC451B



1BC2EC

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.



0096FF



EC451B



00A0A1

Square

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



EC451B



0F9700



009FE6



AA5BEF

Rectangle

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



EC451B



978100



009FE6



0089FF

Sweetspot

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



EC451B



FFC8BA



EC1BC2



805F57



000000



808080

Same Dimension

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



EC451B



FF3300



ECAD1B



756C6A



B52400



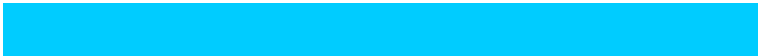
360B00

Inverse Universe

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



1BC2EC



00CCFF



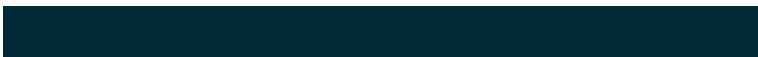
1B5AEC



6A7375



0091B5



002B36

Previews

White Background



This preview shows how the Hex color EC451B looks on a white background.

Color Contrast Check

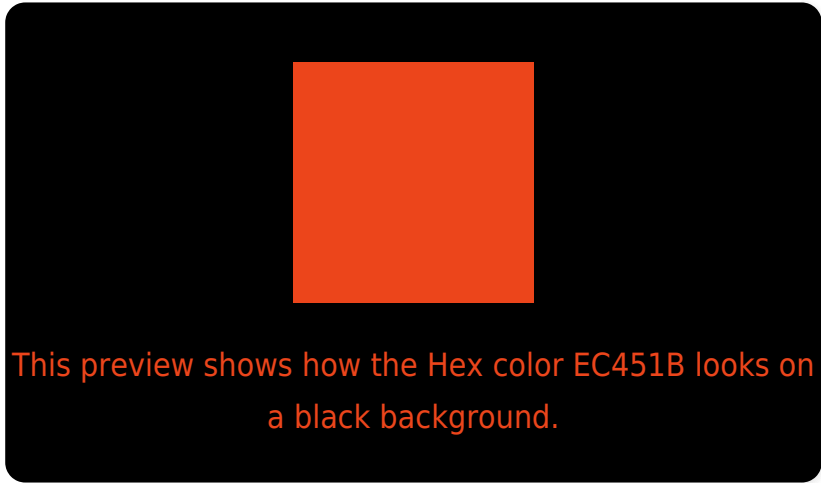
Large Text (above 18pt) WCAG AA ✓ Pass

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 EC451B Background



This preview shows how black text looks on a background with the Hex color EC451B.

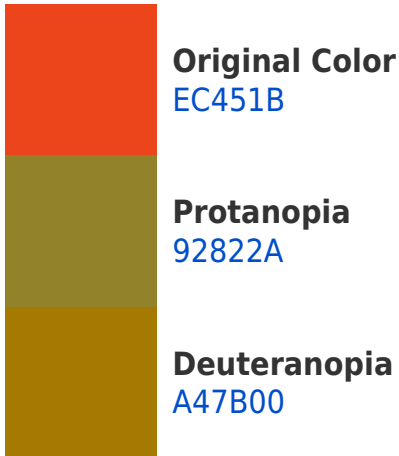


This preview shows how white text looks on a background with the Hex color EC451B.

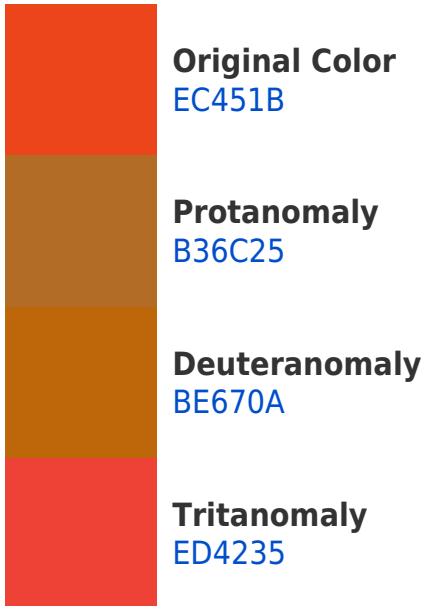
Color Blindness Simulation

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



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex EC451B 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 #EC451B looks like.

```
.text, #text, p{
  color:#EC451B
}
```

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 #EC451B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC451B
}
```

Border

The CSS property to change the border of an element to Hex EC451B 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
#EC451B }
```

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

```
.border{ border-color:#EC451B }
```

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

Here you see how a box with a 4 pixel #EC451B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC451B; -webkit-box-shadow:4px 4px  
4px 4px #EC451B; box-shadow:4px 4px 4px  
4px #EC451B }
```

Background

The CSS property to change the background color of an element to Hex EC451B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC451B }
```

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

```
.background{ background-color:#EC451B }
```

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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