

# Converting Colors

Hex(E81F1B)

Have a look what the booklet for  
Hex(E81F1B) contains.

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# Color

**Hex(E81F1B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E81F1B
RGB	232, 31, 27
RGB Percent	91%, 12%, 11%
CMY	0.0902, 0.8784, 0.8941
CMYK	0.00, 0.87, 0.88, 0.09
HSL	1°, 82%, 51%
HSV	1°, 88%, 91%
XYZ	33.9665, 18.2149, 2.7625
YIQ	90.6430, 121.0800, 41.3680

# Conversions

## Conversions Part 2

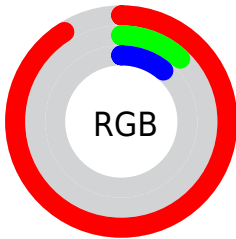
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	232, 31, 27
Decimal	15212315
CIE <sub>Lab</sub>	49.76, 71.39, 54.60
CIE <sub>LCh</sub>	50, 89.878, 37.411
Yxy	18.2149, 0.6182, 0.3315
Android (android.graphics.Color)	4293402395 (0xFFE81F1B)
YUV	90.6430, -31.3760, 123.9701
Hunter-Lab	42.6789, 67.3732, 26.0376

# Details

The Hex color **E81F1B** 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 **1BE4E8**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **FF654B**, and **A60000** is the 20% darker color. If you saturate the color by 10%, you get **E80804**, and if you desaturate by 10%, it is **E83632**.

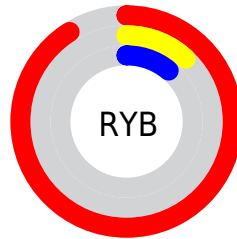
# Distribution



Red (91%)

Green (12%)

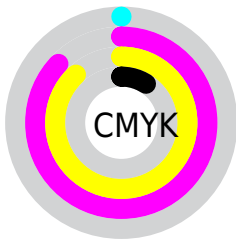
Blue (11%)



Red (91%)

Yellow (12%)

Blue (11%)

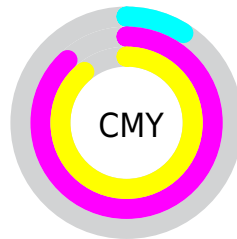


Cyan (0%)

Magenta (87%)

Yellow (88%)

Black (9%)



Cyan (9%)

Magenta (88%)

Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E81F1B 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 E81F1B by changing the saturation by 10% instead.



 E81F1B

 E81F1B

FFFFFF

 C70002

 FF654B

 A60000

 FF8364

 860000

 FFA07E

 660001

 FFBE98

 490004

 FFDCB3

 280001

 FFFACF

 000000

 FFFFEC

 E81F1B

 E81F1B

 E80804

 E83632

 E80500

 E84C49

 E86361

 E87A78

 E8918F

 E8A7A6

 E8BEBD

 E8D5D5

 E8ECEC

# Harmonies

## Analogous

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



F60067



E81F1B



BD5B00

# Triad

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



E81F1B



009136



007BFF

# Complementary

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



E81F1B



1BE4E8

# 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.



008EFF



E81F1B



009588

# Square

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



E81F1B



1A8A00



0094D3



8756F2

# Rectangle

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



E81F1B



967100



0094D3



0083FF



# Sweetspot

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



E81F1B



FFBBBA



E81BE5



805757



000000



808080



# Same Dimension

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



E81F1B



FF0500



E8851B



736767



B30300

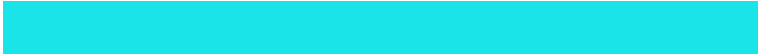


330100



# Inverse Universe

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



1BE4E8



00FAFF



1B7EE8



677373



00AFB3



003233



# Previews

## White Background



This preview shows how the Hex color E81F1B looks on a white background.

## Color Contrast Check

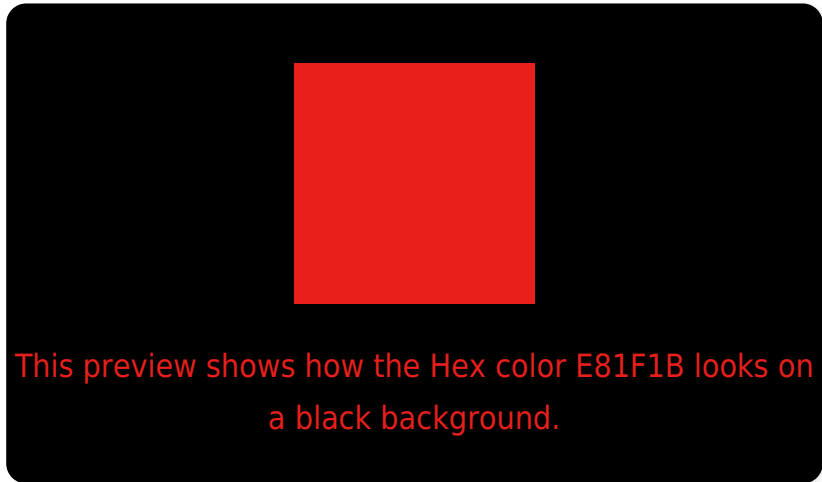
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# 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 E81F1B Background



This preview shows how black text looks on a background with the Hex color E81F1B.



This preview shows how white text looks on a background with the Hex color E81F1B.

# 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



**Original Color**  
E81F1B

**Protanopia**  
85772E

**Deuteranopia**  
967100



**Tritanopia**  
E81F1B

# Trichromacy



**Original Color**  
E81F1B

**Protanomaly**  
A95727

**Deuteranomaly**  
B4530A

**Tritanomaly**  
E81F1B

# Monochromacy



**Original Color**  
E81F1B

**Achromatopsia**  
5B5B5B

**Achromatomaly**  
8E4544

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E81F1B 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 #E81F1B looks like.

```
.text, #text, p{  
    color:#E81F1B  
}
```

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 #E81F1B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E81F1B
}
```

## Border

The CSS property to change the border of an element to Hex E81F1B 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".

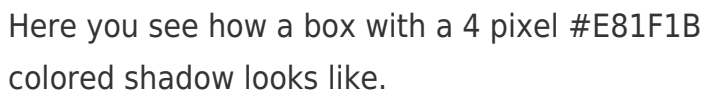
```
.border, #border, table{ border:4px solid
#E81F1B }
```

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

```
.border{ border-color:#E81F1B }
```

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

Here you see how a box with a 4 pixel #E81F1B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E81F1B; -webkit-box-shadow:4px 4px  
4px 4px #E81F1B; box-shadow:4px 4px 4px  
4px #E81F1B }
```

# Background

The CSS property to change the background color of an element to Hex E81F1B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E81F1B }
```

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

```
.background{ background-color:#E81F1B }
```

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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