

Converting Colors

Hex(E80F0F)

Have a look what the booklet for
Hex(E80F0F) contains.

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Color

Hex(E80F0F)

Conversions

Conversions Part 1

Format	Color
Hex	E80F0F
RGB	232, 15, 15
RGB Percent	91%, 6%, 6%
CMY	0.0902, 0.9412, 0.9412
CMYK	0.00, 0.94, 0.94, 0.09
HSL	0°, 88%, 48%
HSV	0°, 94%, 91%
XYZ	33.5358, 17.5319, 2.0684
YIQ	79.8830, 129.3320, 46.0040

Conversions

Conversions Part 2

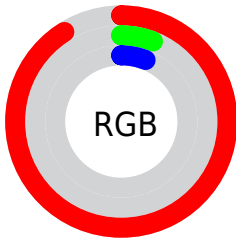
Format	Color
R_{YB}	232, 15, 15
Decimal	15208207
CIE Lab	48.92, 73.47, 58.57
CIE LCh	49, 93.961, 38.562
Yxy	17.5319, 0.6311, 0.3299
Android (android.graphics.Color)	4293398287 (0xFFE80F0F)
YUV	79.8830, -31.9873, 133.4066
Hunter-Lab	41.8712, 69.6910, 26.3809

Details

The Hex color **E80F0F** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **0FE8E8**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **FF5F41**, and **A60000** is the 20% darker color. If you saturate the color by 10%, you get **E80000**, and if you desaturate by 10%, it is **E82626**.

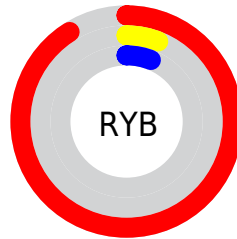
Distribution



Red (91%)

Green (6%)

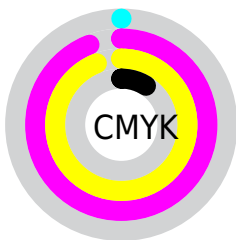
Blue (6%)



Red (91%)

Yellow (6%)

Blue (6%)

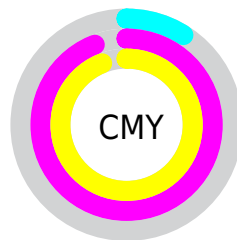


Cyan (0%)

Magenta (94%)

Yellow (94%)

Black (9%)



Cyan (9%)

Magenta (94%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color E80F0F 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 E80F0F by changing the saturation by 10% instead.

 E80F0F

 E80F0F

FFFFFFE

 C70000

 FF5F41

 A60000

 FF7D5A

 850000

 FF9B74

 650002

 FFB98E

 480004

 FFD7A9

 270001

 FFF5C5

 000000

 FFFFE1

 E80F0F

 E80F0F

 E80000

 E82626

 E83D3D

 E85555

 E86C6C

 E88383

 E89A9A

 E8B1B1

 E8C9C9

 E8E0E0

Harmonies

Analogous

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



F80062



E80F0F



BB5900

Triad

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



E80F0F



009034



0079FF

Complementary

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



E80F0F



0FE8E8

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.



008DFF



E80F0F



00938A

Square

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



E80F0F



008900



0093D7



8A50F3

Rectangle

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



E80F0F



917000



0093D7



0081FF

Sweetspot

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



E80F0F



FFB8B8



E80FE8



805454



000000



808080

Same Dimension

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



E80F0F



FF0000



E87C0F



736767



B30000



330000

Inverse Universe

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



0FE8E8



00FFFF



0F7CE8



677373



00B3B3



003333

Previews

White Background



This preview shows how the Hex color E80F0F looks on a white background.

Color Contrast Check

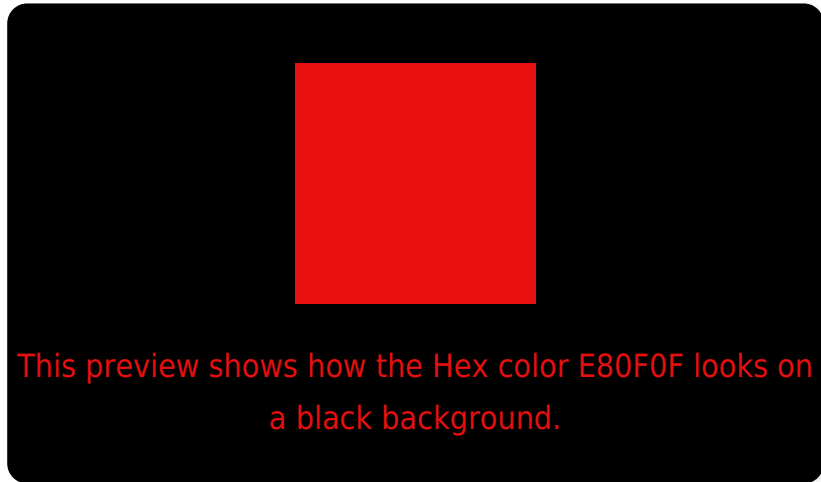
Large Text (above 18pt) WCAG AA ✓ Pass

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 E80F0F Background



This preview shows how black text looks on a background with the Hex color E80F0F.



This preview shows how white text looks on a background with the Hex color E80F0F.

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
E80F0F

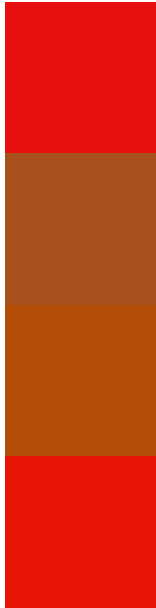
Protanopia
847624

Deuteranopia
947000



Tritanopia
E71500

Trichromacy



Original Color
E80F0F

Protanomaly
A8511C

Deuteranomaly
B34D05

Tritanomaly
E71305

Monochromacy



Original Color
E80F0F

Achromatopsia
505050

Achromatomaly
873838

CSS Examples

Text

The CSS property to change the color of the text to Hex E80F0F 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 #E80F0F looks like.

```
.text, #text, p{  
    color:#E80F0F  
}
```

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 #E80F0F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E80F0F
}
```

Border

The CSS property to change the border of an element to Hex E80F0F is called "border". The border property can be set on classes, ids or directly on the HTML element.

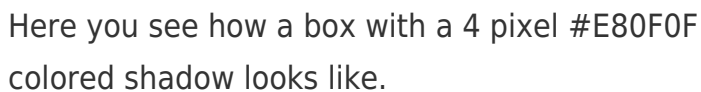
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E80F0F }
```

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

```
.border{ border-color:#E80F0F }
```

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



Here you see how a box with a 4 pixel #E80F0F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E80F0F; -webkit-box-shadow:4px 4px  
4px 4px #E80F0F; box-shadow:4px 4px 4px  
4px #E80F0F }
```

Background

The CSS property to change the background color of an element to Hex E80F0F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E80F0F }
```

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

```
.background{ background-color:#E80F0F }
```

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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