

Converting Colors

Hex(E00B0F)

Have a look what the booklet for
Hex(E00B0F) contains.

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Color

Hex(E00B0F)

Conversions

Conversions Part 1

Format	Color
Hex	E00B0F
RGB	224, 11, 15
RGB Percent	88%, 4%, 6%
CMY	0.1216, 0.9569, 0.9412
CMYK	0.00, 0.95, 0.93, 0.12
HSL	359°, 91%, 46%
HSV	359°, 95%, 88%
XYZ	30.9464, 16.1211, 1.9326
YIQ	75.1430, 125.6640, 46.4000

Conversions

Conversions Part 2

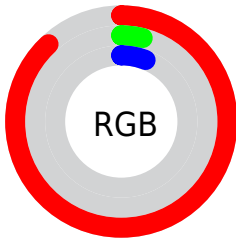
Format	Color
R_{YB}	224, 11, 15
Decimal	14682895
CIE Lab	47.13, 71.85, 56.68
CIE LCh	47, 91.515, 38.269
Yxy	16.1211, 0.6316, 0.3290
Android (android.graphics.Color)	4292872975 (0xFFE00B0F)
YUV	75.1430, -29.6505, 130.5476
Hunter-Lab	40.1511, 67.3139, 25.2520

Details

The Hex color **E00B0F** 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 **0BE0DC**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **FF5C41**, and **9E0000** is the 20% darker color. If you saturate the color by 10%, you get **E00004**, and if you desaturate by 10%, it is **E02125**.

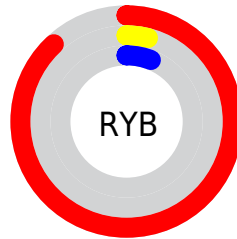
Distribution



Red (88%)

Green (4%)

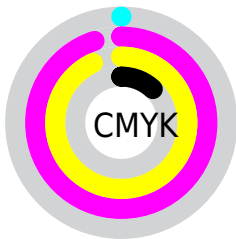
Blue (6%)



Red (88%)

Yellow (4%)

Blue (6%)

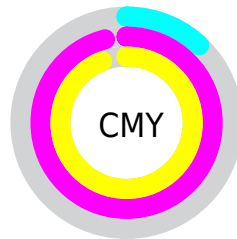


Cyan (0%)

Magenta (95%)

Yellow (93%)

Black (12%)



Cyan (12%)

Magenta (96%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color E00B0F 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 E00B0F by changing the saturation by 10% instead.

 E00B0F

 E00B0F

FFFFFFD

 BF0000

 FF5C41

 9E0000

 FF7A59

 7E0000

 FF9873

 5E0002

 FFB58D

 410003

 FFD3A8

 1E0001

 FFF1C3

 000000

 FFFFEO

 E00B0F

 E00B0F

 E00004

 E02125

 E0383B

 E04E51

 E06567

 E07B7D

 E09193

 E0A8A9

 E0BEBF

 E0D5D5

Harmonies

Analogous

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



F0005F



E00B0F



B45500

Triad

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



E00B0F



008B31



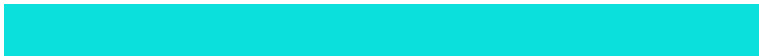
0074FF

Complementary

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



E00B0F



0BE0DC

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.



0087FF



E00B0F



008E84

Square

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



E00B0F



008400



008ECF



834DEB

Rectangle

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



E0B0F



8C6C00



008ECF



007DFF

Sweetspot

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



E00B0F



FFB5B6



D90BE0



805354



000000



808080

Same Dimension

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



E00B0F



FF0005



E06E0B



706565



B00003



300001

Inverse Universe

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



E00B0F



FF0005



0B7DE0



706565



B00003



300001

Previews

White Background



This preview shows how the Hex color E0B0F looks on a white background.

Color Contrast Check

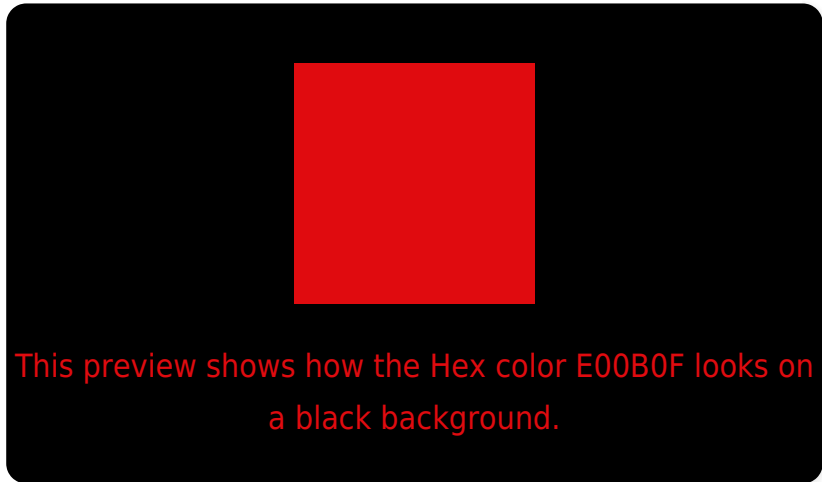
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex E0B0F Background



This preview shows how black text looks on a background with the Hex color E0B0F.



This preview shows how white text looks on a background with the Hex color E0B0F.

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
E00B0F

Protanopia
7F7123

Deuteranopia
8F6C00



Tritanopia
DF1400

Trichromacy



Original Color
E00B0F

Protanomaly
A24C1C

Deuteranomaly
AC4905

Tritanomaly
DF1105

Monochromacy



Original Color
E00B0F

Achromatopsia
4B4B4B

Achromatomaly
813435

CSS Examples

Text

The CSS property to change the color of the text to Hex E00B0F 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 #E00B0F looks like.

```
.text, #text, p{  
    color:#E00B0F  
}
```

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 #E00B0F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E00B0F } }
```

Border

The CSS property to change the border of an element to Hex E00B0F is called "border". The border property can be set on classes, ids or directly on the HTML element.

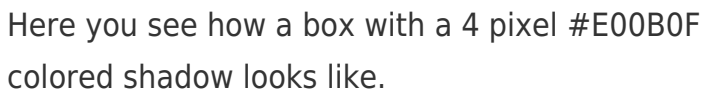
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #E00B0F } }
```

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

```
.border{ border-color:#E00B0F }
```

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



Here you see how a box with a 4 pixel `#E00B0F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E00B0F; -webkit-box-shadow:4px 4px  
4px 4px #E00B0F; box-shadow:4px 4px 4px  
4px #E00B0F }
```

Background

The CSS property to change the background color of an element to Hex E00B0F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E00B0F }
```

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

```
.background{ background-color:#E00B0F }
```

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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