

# Converting Colors

Hex(EC0D11)

Have a look what the booklet for  
Hex(EC0D11) contains.

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# Color

**Hex(EC0D11)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EC0D11
RGB	236, 13, 17
RGB Percent	93%, 5%, 7%
CMY	0.0745, 0.9490, 0.9333
CMYK	0.00, 0.94, 0.93, 0.07
HSL	359°, 90%, 49%
HSV	359°, 94%, 93%
XYZ	34.8372, 18.1612, 2.1996
YIQ	80.1330, 131.6240, 48.5200

# Conversions

## Conversions Part 2

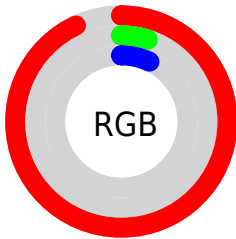
Format	Color
<a href="#">RYB</a>	<a href="#">236, 13, 17</a>
Decimal	<a href="#">15469841</a>
CIELab	<a href="#">49.69, 74.67, 58.79</a>
CIElCh	<a href="#">50, 95.040, 38.213</a>
Yxy	<a href="#">18.1612, 0.6311, 0.3290</a>
Android (android.graphics.Color)	<a href="#">4293659921 (0xFFEC0D11)</a>
YUV	<a href="#">80.1330, -31.1246, 136.6954</a>
Hunter-Lab	<a href="#">42.6159, 71.3402, 26.7709</a>

# Details

The Hex color **EC0D11** 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 **0DECE8**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **FF5F43**, and **AA0000** is the 20% darker color. If you saturate the color by 10%, you get **EC0004**, and if you desaturate by 10%, it is **EC2528**.

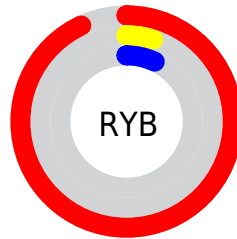
# Distribution



Red (93%)

Green (5%)

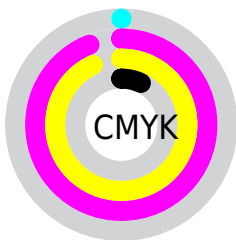
Blue (7%)



Red (93%)

Yellow (5%)

Blue (7%)

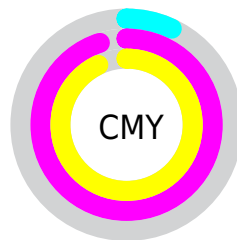


Cyan (0%)

Magenta (94%)

Yellow (93%)

Black (7%)



Cyan (7%)

Magenta (95%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EC0D11 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 EC0D11 by changing the saturation by 10% instead.



 EC0D11

 EC0D11

FFFFFF

 CB0000

 FF5F43

 AA0000

 FF7E5C

 890000

 FF9C75

 690002

 FFB990

 4B0004

 FFD7AB

 2B0001

 FFF6C7

 000000

 FFFF E3

 EC0D11

 EC0D11

 EC0004

 EC2528

 EC3C3F

 EC5457

 EC6B6E

 EC8385

 EC9B9C

 ECB2B3

 ECCACA

 ECE1E2

# Harmonies

## Analogous

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



FC0064



EC0D11



BE5A00

# Triad

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



EC0D11



009234



007BFF

# Complementary

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



EC0D11



0DECE8

# 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.



008FFF



EC0D11



00958B

# Square

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



EC0D11



008B00



0095DA



8A52F8

# Rectangle

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



EC0D11



947200



0095DA



0084FF



# Sweetspot

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



EC0D11



FFB8B9



E50DEC



805455



000000



808080



# Same Dimension

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



EC0D11



FF0005



EC750D



756A6A



B50003



360001



# Inverse Universe

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



EC0D11



FF0005



0D84EC



756A6A



B50003



360001



# Previews

## White Background



This preview shows how the Hex color EC0D11 looks on a white background.

## Color Contrast Check

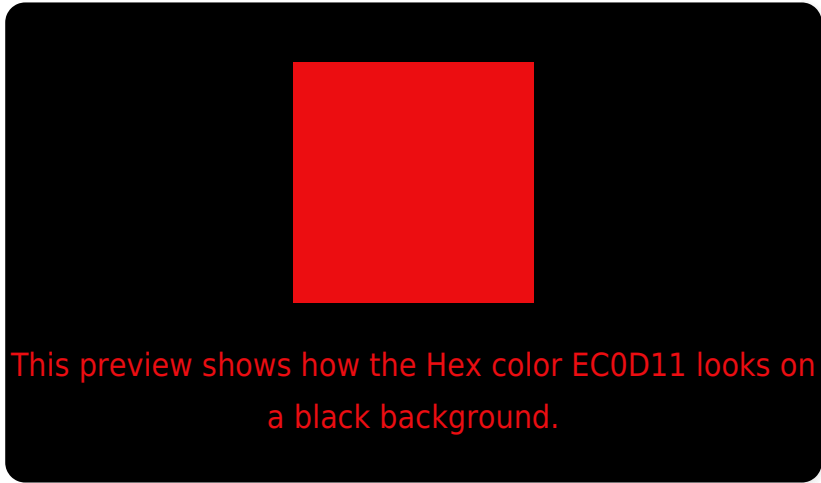
Large Text (above 18pt) WCAG AA ✓ Pass

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 EC0D11 Background



This preview shows how black text looks on a background with the Hex color EC0D11.



This preview shows how white text looks on a background with the Hex color EC0D11.

# 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**  
EC0D11

**Protanopia**  
867826

**Deuteranopia**  
977100



**Tritanopia**  
EB1500

# Trichromacy



**Original Color**  
EC0D11

**Protanomaly**  
AB511E

**Deuteranomaly**  
B64D06

**Tritanomaly**  
EB1206

# Monochromacy



**Original Color**  
EC0D11

**Achromatopsia**  
505050

**Achromatomaly**  
893839

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EC0D11 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 #EC0D11 looks like.

```
.text, #text, p{  
    color:#EC0D11  
}
```

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 #EC0D11 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC0D11
}
```

## Border

The CSS property to change the border of an element to Hex EC0D11 is called "border". The border property can be set on classes, ids or directly on the HTML element.

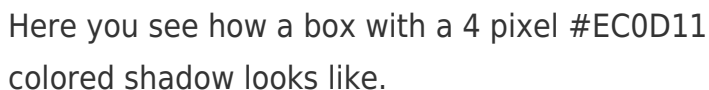
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#EC0D11 }
```

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

```
.border{ border-color:#EC0D11 }
```

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



Here you see how a box with a 4 pixel `#EC0D11` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC0D11; -webkit-box-shadow:4px 4px  
4px 4px #EC0D11; box-shadow:4px 4px 4px  
4px #EC0D11 }
```

# Background

The CSS property to change the background color of an element to Hex EC0D11 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC0D11 }
```

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

```
.background{ background-color:#EC0D11 }
```

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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