

# Converting Colors

Hex(EC1119)

Have a look what the booklet for  
Hex(EC1119) contains.

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# Color

**Hex(EC1119)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EC1119
RGB	236, 17, 25
RGB Percent	93%, 7%, 10%
CMY	0.0745, 0.9333, 0.9020
CMYK	0.00, 0.93, 0.89, 0.07
HSL	358°, 87%, 50%
HSV	358°, 93%, 93%
XYZ	34.9680, 18.3040, 2.6097
YIQ	83.3930, 127.9560, 48.9160

# Conversions

## Conversions Part 2

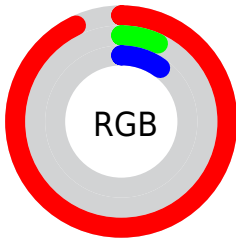
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	236, 17, 25
Decimal	15470873
CIE Lab	49.86, 74.38, 55.89
CIE LCh	50, 93.041, 36.922
Yxy	18.3040, 0.6258, 0.3275
Android (android.graphics.Color)	4293660953 (0xFFEC1119)
YUV	83.3930, -28.7877, 133.8363
Hunter-Lab	42.7831, 71.0232, 26.3316

# Details

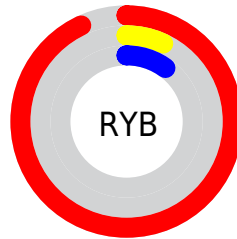
The Hex color **EC1119** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **11ECE4**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **FF6049**, and **AA0000** is the 20% darker color. If you saturate the color by 10%, you get **EC0009**, and if you desaturate by 10%, it is **EC2930**.

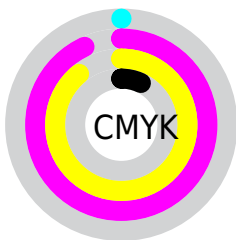
# Distribution



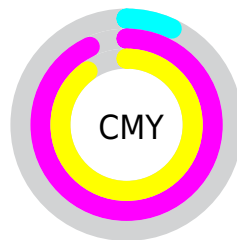
- Red (93%)
- Green (7%)
- Blue (10%)



- Red (93%)
- Yellow (7%)
- Blue (10%)



- Cyan (0%)
- Magenta (93%)
- Yellow (89%)
- Black (7%)



- Cyan (7%)
- Magenta (93%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EC1119 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 EC1119 by changing the saturation by 10% instead.



 EC1119

 EC1119

FFFFFF

 CB0000

 FF6049

 AA0000

 FF7F62

 890000

 FF9D7C

 690002

 FFBB96

 4C0004

 FFD8B1

 2B0001

 FFF7CD

 000000

 FFFF E9

 EC1119

 EC1119

 EC0009

 EC2930

 EC4046

 EC585D

 EC6F74

 EC878B

 EC9FA1

 ECB6B8

 ECCECF

 ECE5E6

# Harmonies

## Analogous

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



FA0068



EC1119



C05A00

# Triad

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



EC1119



009232



007DFF

# Complementary

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



EC1119



11ECE4

# 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



EC1119



009588

# Square

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



EC1119



138B00



0096D5



8555F7

# Rectangle

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



EC1119



987100



0096D5



0085FF



# Sweetspot

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



EC1119



FFB8BA



E111EC



805456



000000



808080



# Same Dimension

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



EC1119



FF0009



EC7411



756A6A



B50007



360002



# Inverse Universe

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



EC1119



FF0009



1189EC



756A6A



B50007



360002



# Previews

## White Background



This preview shows how the Hex color EC1119 looks on a white background.

## Color Contrast Check

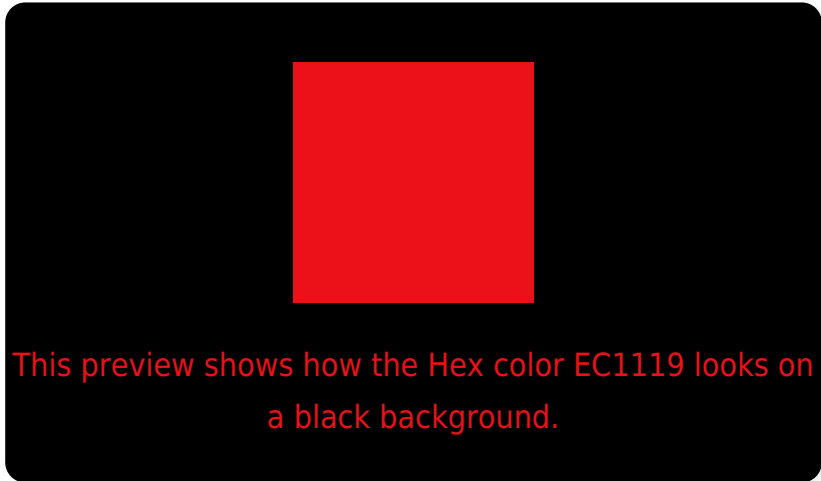
Large Text (above 18pt) WCAG AA ✓ Pass

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 EC1119 Background



This preview shows how black text looks on a background with the Hex color EC1119.

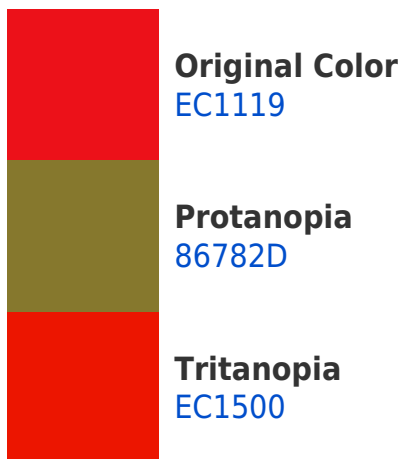


This preview shows how white text looks on a background with the Hex color EC1119.

# 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



**Original Color**  
EC1119

**Protanomaly**  
AB5326

**Tritanomaly**  
EC1409

# Monochromacy



**Original Color**  
EC1119

**Achromatopsia**  
535353

**Achromatomaly**  
8B3B3E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EC1119 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 #EC1119 looks like.

```
.text, #text, p{  
    color:#EC1119  
}
```

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 #EC1119 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC1119
}
```

## Border

The CSS property to change the border of an element to Hex EC1119 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
#EC1119 }
```

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

```
.border{ border-color:#EC1119 }
```

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

Here you see how a box with a 4 pixel #EC1119 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC1119; -webkit-box-shadow:4px 4px  
4px 4px #EC1119; box-shadow:4px 4px 4px  
4px #EC1119 }
```

# Background

The CSS property to change the background color of an element to Hex EC1119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC1119 }
```

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

```
.background{ background-color:#EC1119 }
```

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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