

# Converting Colors

Hex(EC1818)

Have a look what the booklet for  
Hex(EC1818) contains.

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**Color**

**Hex(EC1818)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EC1818
RGB	236, 24, 24
RGB Percent	93%, 9%, 9%
CMY	0.0745, 0.9059, 0.9059
CMYK	0.00, 0.90, 0.90, 0.07
HSL	0°, 85%, 51%
HSV	0°, 90%, 93%
XYZ	35.0836, 18.5521, 2.5960
YIQ	87.3880, 126.3520, 44.9440

# Conversions

## Conversions Part 2

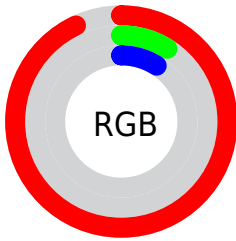
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	236, 24, 24
Decimal	15472664
CIE Lab	50.16, 73.50, 56.50
CIE LCh	50, 92.709, 37.552
Yxy	18.5521, 0.6239, 0.3299
Android (android.graphics.Color)	4293662744 (0xFFEC1818)
YUV	87.3880, -31.2503, 130.3327
Hunter-Lab	43.0721, 70.0175, 26.5771

# Details

The Hex color **EC1818** 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 **18ECEC**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **FF6349**, and **AA0000** is the 20% darker color. If you saturate the color by 10%, you get **EC0000**, and if you desaturate by 10%, it is **EC3030**.

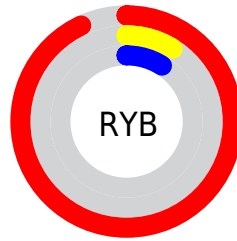
# Distribution



Red (93%)

Green (9%)

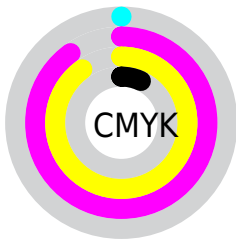
Blue (9%)



Red (93%)

Yellow (9%)

Blue (9%)

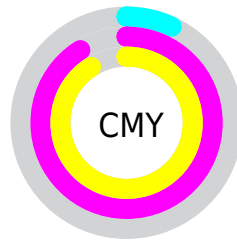


Cyan (0%)

Magenta (90%)

Yellow (90%)

Black (7%)



Cyan (7%)

Magenta (91%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EC1818 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 EC1818 by changing the saturation by 10% instead.



 EC1818

 EC1818

FFFFFF

 CB0000

 FF6349

 AA0000

 FF8161

 890000

 FF9F7B

 690001

 FFBC96

 4C0004

 FFDAB1

 2B0001

 FFF9CC

 000000

 FFFF E9

 EC1818

 EC1818

 EC0000

 EC3030

 EC4747

 EC5F5F

 EC7676

 EC8E8E

 ECA6A6

 ECBDBD

 ECD5D5

 ECECEC

# Harmonies

## Analogous

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



FB0067



EC1818



C05B00

# Triad

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



EC1818



009335



007DFF

# Complementary

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



EC1818



18ECEC

# 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.



0090FF



EC1818



00968A

# Square

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



EC1818



0F8C00



0096D7



8955F7

# Rectangle

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



EC1818



977300



0096D7



0085FF



# Sweetspot

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



EC1818



FFBABA



EC18EC



805757



000000



808080



# Same Dimension

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



EC1818



FF0000



EC8218



756A6A



B50000



360000



# Inverse Universe

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



18ECEC



00FFFF



1882EC



6A7575



00B5B5



003636



# Previews

## White Background



This preview shows how the Hex color EC1818 looks on a white background.

## Color Contrast Check

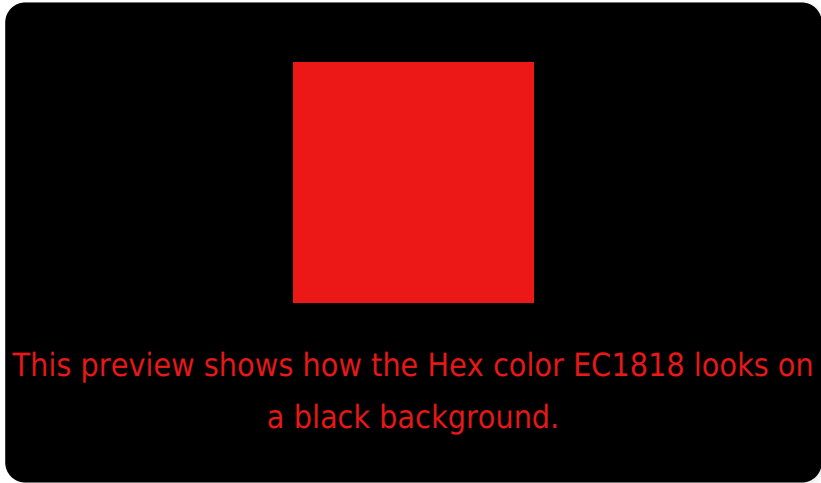
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# 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 EC1818 Background



This preview shows how black text looks on a background with the Hex color EC1818.

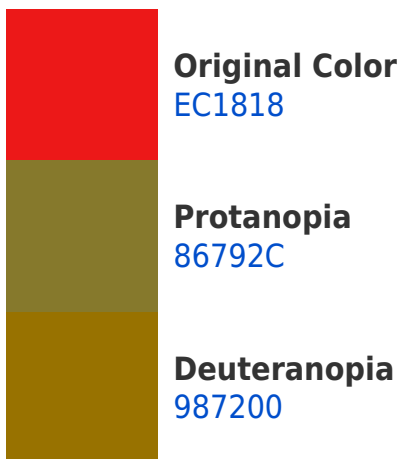


This preview shows how white text looks on a background with the Hex color EC1818.

# 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**  
EC1818

**Protanomaly**  
AB5625

**Deuteranomaly**  
B75109

**Tritanomaly**  
EC1913

# Monochromacy



**Original Color**  
EC1818

**Achromatopsia**  
575757

**Achromatomaly**  
8D4040

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EC1818 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 #EC1818 looks like.

```
.text, #text, p{  
    color:#EC1818  
}
```

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 #EC1818 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC1818
}
```

## Border

The CSS property to change the border of an element to Hex EC1818 is called "border". The border property can be set on classes, ids or directly on the HTML element.

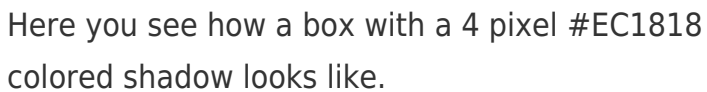
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#EC1818 }
```

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

```
.border{ border-color:#EC1818 }
```

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



Here you see how a box with a 4 pixel `#EC1818` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC1818; -webkit-box-shadow:4px 4px  
4px 4px #EC1818; box-shadow:4px 4px 4px  
4px #EC1818 }
```

# Background

The CSS property to change the background color of an element to Hex EC1818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC1818 }
```

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

```
.background{ background-color:#EC1818 }
```

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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