

# Converting Colors

Hex(EF1B00)

Have a look what the booklet for  
Hex(EF1B00) contains.

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**Color**

**Hex(EF1B00)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EF1B00
RGB	239, 27, 0
RGB Percent	94%, 11%, 0%
CMY	0.0627, 0.8941, 1.0000
CMYK	0.00, 0.89, 1.00, 0.06
HSL	7°, 100%, 47%
HSV	7°, 100%, 94%
XYZ	35.9885, 19.1346, 1.7965
YIQ	87.3100, 135.0190, 36.5470

# Conversions

## Conversions Part 2

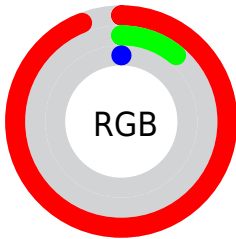
Format	Color
R <sub>Y</sub> B	239, 30, 0
Decimal	15670016
CIE Lab	50.84, 73.60, 64.33
CIE LCh	51, 97.755, 41.155
Yxy	19.1346, 0.6323, 0.3362
Android (android.graphics.Color)	4293860096 (0xFFEF1B00)
YUV	87.3100, -43.0438, 133.0321
Hunter-Lab	43.7431, 70.3060, 28.1851

# Details

The Hex color **EF1B00** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark washed red. A complement of this color would be **00D4EF**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **FF643A**, and **AC0000** is the 20% darker color. If you saturate the color by 10%, you get **EF1B00**, and if you desaturate by 10%, it is **EF3018**.

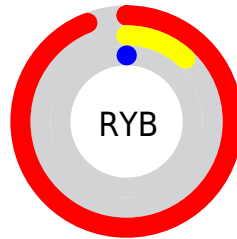
# Distribution



Red (94%)

Green (11%)

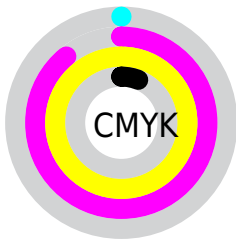
Blue (0%)



Red (94%)

Yellow (12%)

Blue (0%)

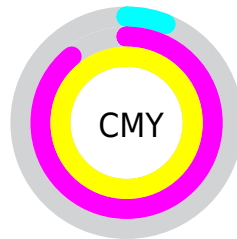


Cyan (0%)

Magenta (89%)

Yellow (100%)

Black (6%)



Cyan (6%)

Magenta (89%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EF1B00 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 EF1B00 by changing the saturation by 10% instead.



 EF1B00

 EF1B00

 FFFFFFF7

 CE0000

 FF643A

 AC0000

 FF8353

 8B0000

 FFA06D

 6B0001

 FFBE87

 4E0004

 FFDCA2

 2E0002

 FFFABE

 000000

 FFFFDA

 EF1B00

 EF3018

 EF4530

 EF5B48

 EF7060

 EF8577

 EF9A8F

 EF9A8F

 EFC5BF

 EFDAD7

# Harmonies

## Analogous

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



FF005F



EF1B00



BD6000

# Triad

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



EF1B00



00963E



007BFF

# Complementary

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



EF1B00



00D4EF

# 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.



0091FF



EF1B00



009997

# Square

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



EF1B00



008F00



0099E7



9B4DF9

# Rectangle

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



EF1B00



917800



0099E7



0085FF



# Sweetspot

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



EF1B00



FFBBB3



EF00D7



805752



000000



808080



# Same Dimension

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



EF1B00



FF1D00



EF8F00



786D6C



B81500



380600



# Inverse Universe

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



00D4EF



00E2FF



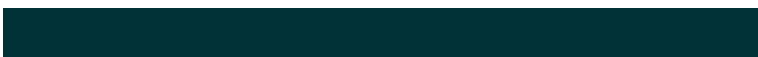
0060EF



6C7678



00A3B8



003238



# Previews

## White Background



This preview shows how the Hex color EF1B00 looks on a white background.

## Color Contrast Check

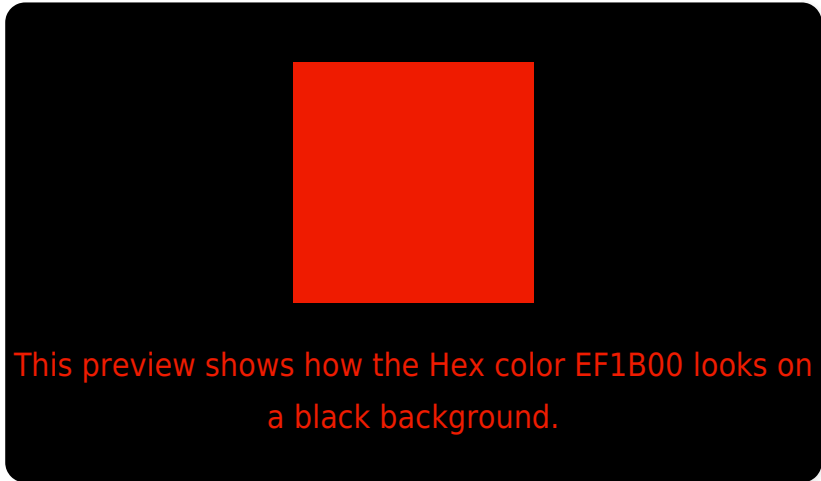
Large Text (above 18pt) WCAG AA ✓ Pass

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 EF1B00 Background



This preview shows how black text looks on a background with the Hex color EF1B00.



This preview shows how white text looks on a background with the Hex color EF1B00.

# 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



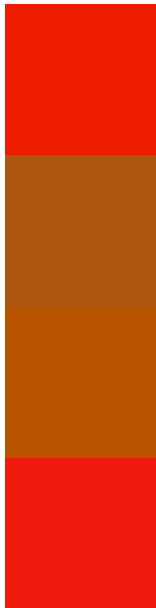
**Original Color**  
EF1B00

**Protanopia**  
897A1E

**Deuteranopia**  
9A7400



# Trichromacy



**Original Color**  
EF1B00

**Protanomaly**  
AE5713

**Deuteranomaly**  
B95400

**Tritanomaly**  
EF1A0B

# Monochromacy



**Original Color**  
EF1B00

**Achromatopsia**  
575757

**Achromatomaly**  
8E4137

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EF1B00 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 #EF1B00 looks like.

```
.text, #text, p{  
    color:#EF1B00  
}
```

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 #EF1B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EF1B00  
}
```

## Border

The CSS property to change the border of an element to Hex EF1B00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

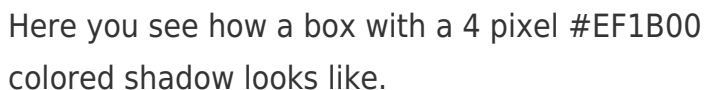
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#EF1B00 }
```

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

```
.border{ border-color:#EF1B00 }
```

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



Here you see how a box with a 4 pixel `#EF1B00` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EF1B00; -webkit-box-shadow:4px 4px  
4px 4px #EF1B00; box-shadow:4px 4px 4px  
4px #EF1B00 }
```

# Background

The CSS property to change the background color of an element to Hex EF1B00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EF1B00 }
```

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

```
.background{ background-color:#EF1B00 }
```

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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