

# Converting Colors

Hex(EF1E05)

Have a look what the booklet for  
Hex(EE1E05) contains.

<b>Hex(EE1E05)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(E E1E05)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EE1E05
RGB	238, 30, 5
RGB Percent	93%, 12%, 2%
CMY	0.0667, 0.8824, 0.9804
CMYK	0.00, 0.87, 0.98, 0.07
HSL	6°, 96%, 48%
HSV	6°, 98%, 93%
XYZ	35.7516, 19.1166, 1.9491
YIQ	89.3420, 131.9930, 36.3210

# Conversions

## Conversions Part 2

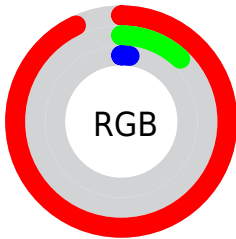
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	238, 33, 5
Decimal	15605253
CIE Lab	50.82, 72.90, 62.89
CIE LCh	51, 96.279, 40.787
Yxy	19.1166, 0.6292, 0.3365
Android (android.graphics.Color)	4293795333 (0xFFEE1E05)
YUV	89.3420, -41.5806, 130.3731
Hunter-Lab	43.7226, 69.4433, 27.9627

# Details

The Hex color **EE1E05** 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 **05D5EE**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **FF663D**, and **AB0000** is the 20% darker color. If you saturate the color by 10%, you get **EE1A00**, and if you desaturate by 10%, it is **EE331D**.

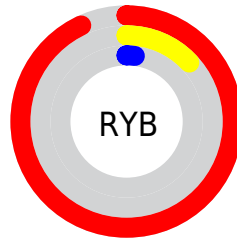
# Distribution



Red (93%)

Green (12%)

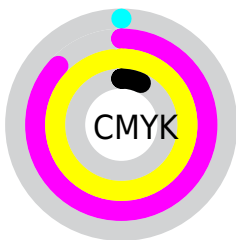
Blue (2%)



Red (93%)

Yellow (13%)

Blue (2%)

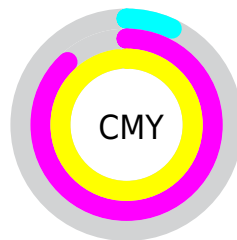


Cyan (0%)

Magenta (87%)

Yellow (98%)

Black (7%)



Cyan (7%)

Magenta (88%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EE1E05 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 EE1E05 by changing the saturation by 10% instead.



 EE1E05

 EE1E05

 FFFFFA

 CD0000

 FF663D

 AB0000

 FF8456

 8B0000

 FFA170

 6B0001

 FFBF8A

 4D0004

 FFDDA5

 2D0001

 FFFBC1

 000000

 FFFFDD

 EE1E05

 EE1E05

■ EE1A00

■ EE331D

■ EE4835

■ EE5E4C

■ EE7364

■ EE887C

■ EE9D94

■ EEB3AC

■ EEC8C3

■ EEDDDB

# Harmonies

## Analogous

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



FF0060



EE1E05



BD6000

# Triad

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



EE1E05



00963E



007BFF

# Complementary

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



EE1E05



05D5EE

# 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



EE1E05



009996

# Square

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



EE1E05



008F00



0099E4



994FF8

# Rectangle

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



EE1E05



927700



0099E4



0085FF



# Sweetspot

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



EE1E05



FFBDB5



EE05D7



805853



000000



808080



# Same Dimension

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



EE1E05



FF1B00



EE9105



786D6C



B81400



380600



# Inverse Universe

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



05D5EE



00E4FF



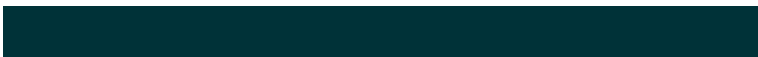
0562EE



6C7778



00A4B8



003238



# Previews

## White Background



This preview shows how the Hex color EE1E05 looks on a white background.

## Color Contrast Check

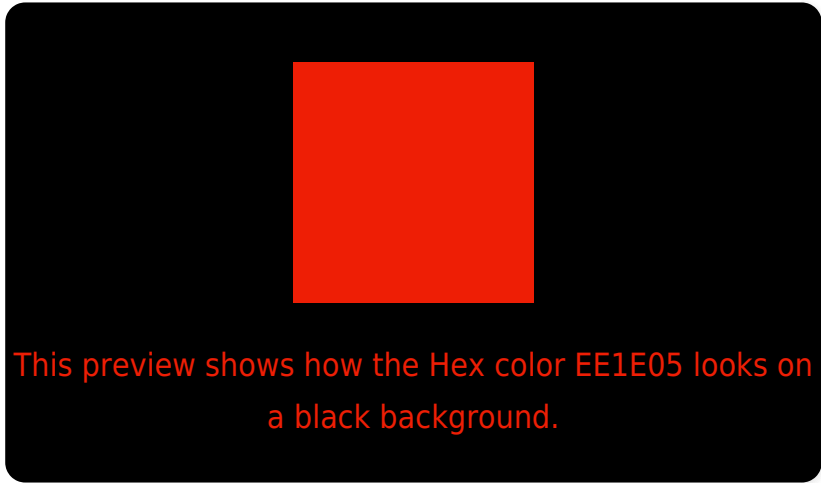
Large Text (above 18pt) WCAG AA ✓ Pass

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 EE1E05 Background



This preview shows how black text looks on a background with the Hex color EE1E05.



This preview shows how white text looks on a background with the Hex color EE1E05.

# 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**  
EE1E05

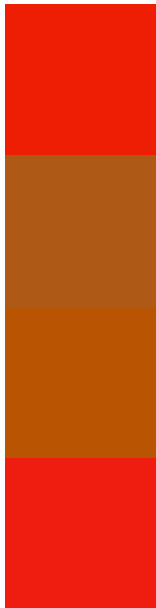
**Protanopia**  
897A1E

**Deuteranopia**  
9A7400



**Tritanopia**  
EE1D17

# Trichromacy



**Original Color**  
EE1E05

**Protanomaly**  
AE5915

**Deuteranomaly**  
B95502

**Tritanomaly**  
EE1D10

# Monochromacy



**Original Color**  
EE1E05

**Achromatopsia**  
595959

**Achromatomaly**  
8F443A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EE1E05 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 #EE1E05 looks like.

```
.text, #text, p{  
    color:#EE1E05  
}
```

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 #EE1E05 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EE1E05
}
```

## Border

The CSS property to change the border of an element to Hex EE1E05 is called "border". The border property can be set on classes, ids or directly on the HTML element.

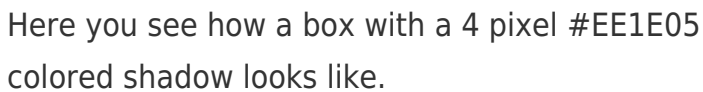
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#EE1E05 }
```

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

```
.border{ border-color:#EE1E05 }
```

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



Here you see how a box with a 4 pixel #EE1E05 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EE1E05; -webkit-box-shadow:4px 4px  
4px 4px #EE1E05; box-shadow:4px 4px 4px  
4px #EE1E05 }
```

# Background

The CSS property to change the background color of an element to Hex EE1E05 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EE1E05 }
```

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

```
.background{ background-color:#EE1E05 }
```

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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