

# Converting Colors

Hex(E17512)

Have a look what the booklet for  
Hex(E17512) contains.

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**Color**

**Hex(E17512)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E17512
RGB	225, 117, 18
RGB Percent	88%, 46%, 7%
CMY	0.1176, 0.5412, 0.9294
CMYK	0.00, 0.48, 0.92, 0.12
HSL	29°, 85%, 48%
HSV	29°, 92%, 88%
XYZ	37.5218, 28.7738, 4.1485
YIQ	138.0060, 96.1470, -7.8930

# Conversions

## Conversions Part 2

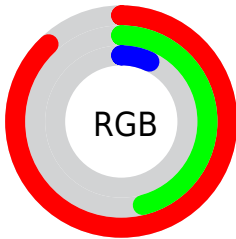
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	225, 208, 18
Decimal	14775570
CIE <sub>Lab</sub>	60.58, 36.70, 64.74
CIE <sub>LCh</sub>	61, 74.416, 60.452
Yxy	28.7738, 0.5326, 0.4085
Android (android.graphics.Color)	4292965650 (0xFFE17512)
YUV	138.0060, -59.1630, 76.2937
Hunter-Lab	53.6412, 30.9879, 32.9634

# Details

The Hex color **E17512** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **127EE1**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **FFAA4D**, and **A34200** is the 20% darker color. If you saturate the color by 10%, you get **E16C00**, and if you desaturate by 10%, it is **E18129**.

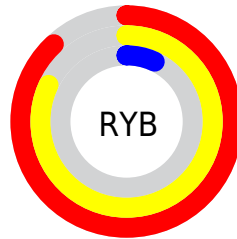
# Distribution



Red (88%)

Green (46%)

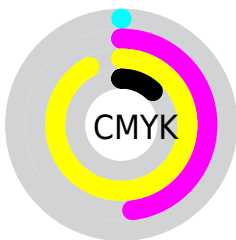
Blue (7%)



Red (88%)

Yellow (82%)

Blue (7%)

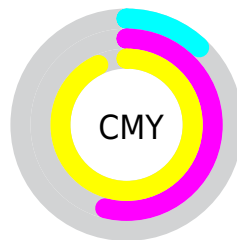


Cyan (0%)

Magenta (48%)

Yellow (92%)

Black (12%)



Cyan (12%)

Magenta (54%)


Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E17512 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 E17512 by changing the saturation by 10% instead.



 E17512

 E17512

FFFFFF

 C25B00

 FFAA4D

 A34200

 FFC667

 842A00

 FFE282

 660F00

 FFFF9D

 490000


 FFFFB9


 310001

 FFFFD6

 000000

 FFFFF3

 E17512

 E17512

 E16C00


 E18129

 E18C3F

 E19856

 E1A46C

 E1B083

 E1BB99

 E1C7B0

 E1D3C6

 E1DFDC

# Harmonies

## Analogous

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



FF5654



E17512



AF9000

# Triad

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



E17512



00AF91



8E80FF

# Complementary

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



E17512



127EE1

# 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.



009AFF



E17512



00AFD3

# Square

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



E17512



00AB4D



00A9FF



E05FD4

# Rectangle

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



E17512



859C00



00A9FF



5E8AFF



# Sweetspot

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



E17512



FFDAB8



E11280



806954



000000



808080



# Same Dimension

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



E17512



FF7A00



E1DA12



706A65



B05400



301700



# Inverse Universe

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



127EE1



0085FF



1219E1



656B70



005CB0



001930



# Previews

## White Background



This preview shows how the Hex color E17512 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 E17512 Background



This preview shows how black text looks on a background with the Hex color E17512.



This preview shows how white text looks on a background with the Hex color E17512.

# 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**  
E17512

**Protanopia**  
A5931B

**Deuteranopia**  
B98B00

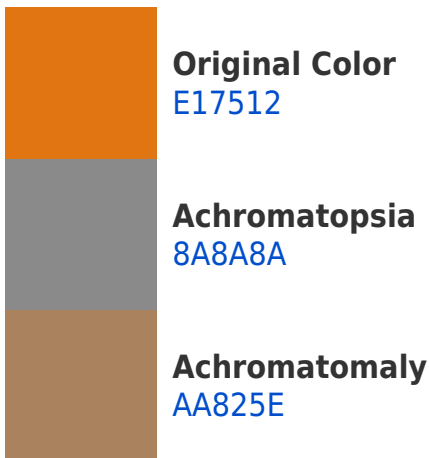


**Tritanopia**  
E56D74

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E17512 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 #E17512 looks like.

```
.text, #text, p{  
    color:#E17512  
}
```

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 #E17512 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E17512
}
```

## Border

The CSS property to change the border of an element to Hex E17512 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
#E17512 }
```

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

```
.border{ border-color:#E17512 }
```

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

Here you see how a box with a 4 pixel #E17512 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E17512; -webkit-box-shadow:4px 4px  
4px 4px #E17512; box-shadow:4px 4px 4px  
4px #E17512 }
```

# Background

The CSS property to change the background color of an element to Hex E17512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E17512 }
```

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

```
.background{ background-color:#E17512 }
```

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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