

# Converting Colors

Hex(E17626)

Have a look what the booklet for  
Hex(E17626) contains.

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**Color**

**Hex(E17626)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E17626
RGB	225, 118, 38
RGB Percent	88%, 46%, 15%
CMY	0.1176, 0.5373, 0.8510
CMYK	0.00, 0.48, 0.83, 0.12
HSL	26°, 76%, 52%
HSV	26°, 83%, 88%
XYZ	37.8796, 29.1044, 5.4549
YIQ	140.8730, 89.4520, -2.1960

# Conversions

## Conversions Part 2

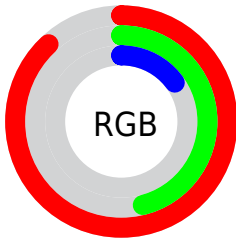
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	225, 178, 38
Decimal	14775846
CIE <sub>Lab</sub>	60.87, 36.60, 58.81
CIE <sub>LCh</sub>	61, 69.271, 58.104
Yxy	29.1044, 0.5229, 0.4018
Android (android.graphics.Color)	4292965926 (0xFFE17626)
YUV	140.8730, -50.7164, 73.7794
Hunter-Lab	53.9485, 30.9230, 31.7689

# Details

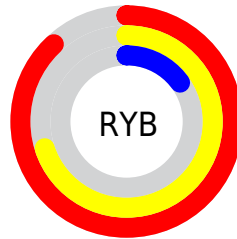
The Hex color **E17626** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **2691E1**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **FFAB5A**, and **A34300** is the 20% darker color. If you saturate the color by 10%, you get **E16910**, and if you desaturate by 10%, it is **E1833D**.

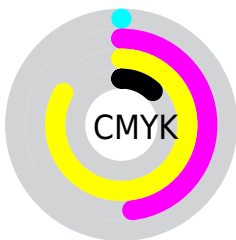
# Distribution



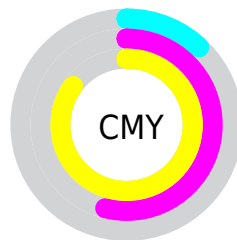
- Red (88%)
- Green (46%)
- Blue (15%)



- Red (88%)
- Yellow (70%)
- Blue (15%)



- Cyan (0%)
- Magenta (48%)
- Yellow (83%)
- Black (12%)




- Cyan (12%)
- Magenta (54%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E17626 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 E17626 by changing the saturation by 10% instead.



 E17626

 E17626

FFFFFF

 C25C04

 FFAB5A

 A34300

 FFC775

 852A00

 FFE48F

 671000

 FFFFAB

 4A0000

 FFFFC7

 310001

 FFFF E3

 000000

 E17626

 E17626

 E16910

 E1833D

 E16000

 E19053

 E19D6A

 E1A980

 E1B697

 E1C3AD

 E1D0C4

 E1DDDA

 E1EAF1

# Harmonies

## Analogous

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



FC5C5D



E17626



B38F00

# Triad

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



E17626



00AE8D



8884FF

# Complementary

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



E17626



2691E1

# 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.



009BFF



E17626



00AFCB

# Square

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



E17626



00AA4E



00A9FA



D867D5

# Rectangle

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



E17626



8D9B00



00A9FA



5B8DFF



# Sweetspot

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



E17626



FFDBBF



E12693



806A59



000000



808080



# Same Dimension

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



E17626



FF6D00



E1D126



706A65



B04B00



301500

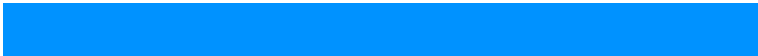


# Inverse Universe

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



2691E1



0092FF



2636E1



656B70



0065B0



001C30



# Previews

## White Background



This preview shows how the Hex color E17626 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 E17626 Background



This preview shows how black text looks on a background with the Hex color E17626.



This preview shows how white text looks on a background with the Hex color E17626.

# 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**  
E17626

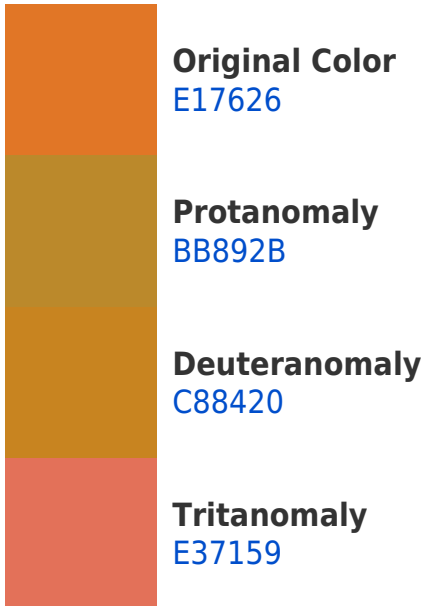
**Protanopia**  
A5942E

**Deuteranopia**  
BA8C1C



**Tritanopia**  
E46E76

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E17626 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 #E17626 looks like.

```
.text, #text, p{  
    color:#E17626  
}
```

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 #E17626 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E17626
}
```

## Border

The CSS property to change the border of an element to Hex E17626 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
#E17626 }
```

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

```
.border{ border-color:#E17626 }
```

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

Here you see how a box with a 4 pixel #E17626 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E17626; -webkit-box-shadow:4px 4px  
4px 4px #E17626; box-shadow:4px 4px 4px  
4px #E17626 }
```

# Background

The CSS property to change the background color of an element to Hex E17626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E17626 }
```

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

```
.background{ background-color:#E17626 }
```

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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