

# Converting Colors

Hex(E57528)

Have a look what the booklet for  
Hex(E57528) contains.

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**Color**

**Hex(E57528)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E57528
RGB	229, 117, 40
RGB Percent	90%, 46%, 16%
CMY	0.1020, 0.5412, 0.8431
CMYK	0.00, 0.49, 0.83, 0.10
HSL	24°, 78%, 53%
HSV	24°, 83%, 90%
XYZ	39.0574, 29.5338, 5.6495
YIQ	141.7100, 91.4690, -0.2030

# Conversions

## Conversions Part 2

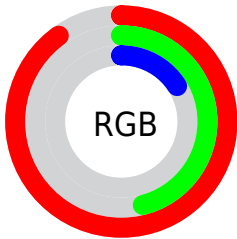
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	229, 170, 40
Decimal	15037736
CIE Lab	61.25, 38.75, 58.59
CIE LCh	61, 70.250, 56.519
Yxy	29.5338, 0.5261, 0.3978
Android (android.graphics.Color)	4293227816 (0xFFE57528)
YUV	141.7100, -50.1430, 76.5533
Hunter-Lab	54.3450, 33.1830, 31.8779

# Details

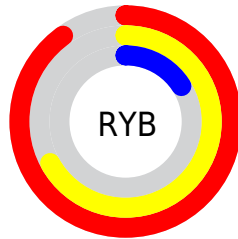
The Hex color **E57528** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **2898E5**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **FFAB5C**, and **A74200** is the 20% darker color. If you saturate the color by 10%, you get **E56711**, and if you desaturate by 10%, it is **E5833F**.

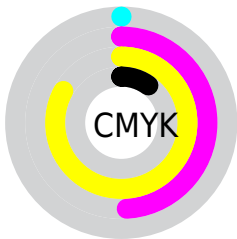
# Distribution



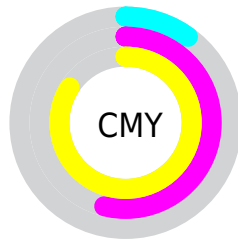
- Red (90%)
- Green (46%)
- Blue (16%)



- Red (90%)
- Yellow (67%)
- Blue (16%)



- Cyan (0%)
- Magenta (49%)
- Yellow (83%)
- Black (10%)



- Cyan (10%)
- Magenta (54%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E57528 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 E57528 by changing the saturation by 10% instead.



 E57528

 E57528

FFFFFF

 C65B08

 FFAB5C

 A74200

 FFC676

 882900

 FFE391

 6A0C00

 FFFFAC

 4D0000

 FFFFC8

 330001

 FFFFE5

 030000

 000000

 E57528

 E57528

 E56711

 E5833F

 E55D00

 E59056

 E59E6D

 E5AB84

 E5B99B

 E5C6B1

 E5D4C8

 E5E2DF

 E5EFF6

# Harmonies

## Analogous

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



FF5A60



E57528



B78F00

# Triad

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



E57528



00B08A



8386FF

# Complementary

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



E57528



2898E5

# 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.



009EFF



E57528



00BOCA

# Square

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



E57528



00AB4B



00ABFB



D769D9

# Rectangle

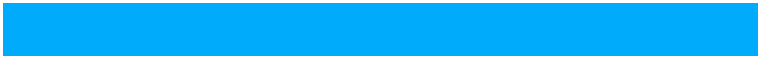
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E57528



919B00



00ABFB



518FFF



# Sweetspot

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



E57528



FFD9BF



E52899



806959



000000



808080



# Same Dimension

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



E57528



FF6903



E5D228



736C67



B34900



331500



# Inverse Universe

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



2898E5



0398FF



283BE5



676E73



006AB3



001E33



# Previews

## White Background



This preview shows how the Hex color E57528 looks on a white background.

## Color Contrast Check

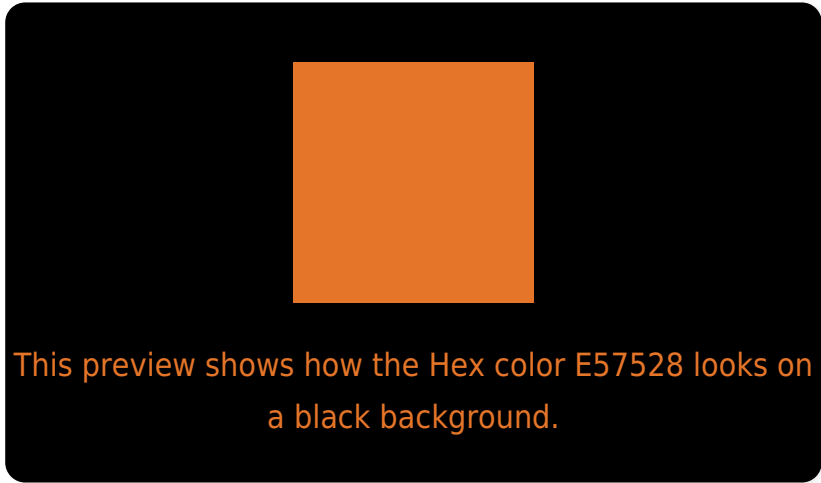
Large Text (above 18pt) WCAG AA ✓ Pass

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 E57528 Background



This preview shows how black text looks on a background with the Hex color E57528.



This preview shows how white text looks on a background with the Hex color E57528.

# 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](#).

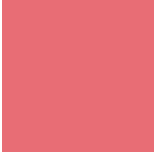
## Dichromacy



**Original Color**  
E57528

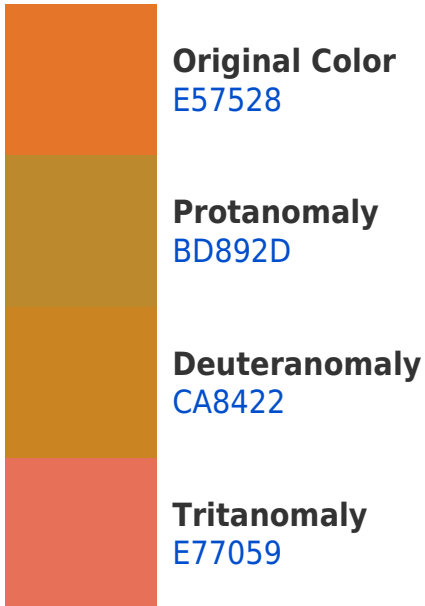
**Protanopia**  
A69530

**Deuteranopia**  
BB8D1E

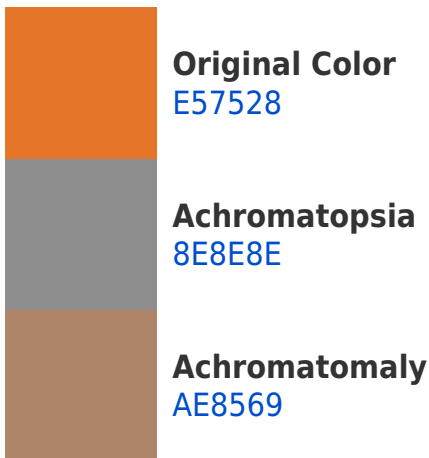


**Tritanopia**  
E86D75

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E57528 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 #E57528 looks like.

```
.text, #text, p{  
    color:#E57528  
}
```

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 #E57528 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E57528
}
```

## Border

The CSS property to change the border of an element to Hex E57528 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
#E57528 }
```

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

```
.border{ border-color:#E57528 }
```

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

Here you see how a box with a 4 pixel #E57528 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E57528; -webkit-box-shadow:4px 4px  
4px 4px #E57528; box-shadow:4px 4px 4px  
4px #E57528 }
```

# Background

The CSS property to change the background color of an element to Hex E57528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E57528 }
```

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

```
.background{ background-color:#E57528 }
```

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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