

# Converting Colors

Hex(E09755)

Have a look what the booklet for  
Hex(E09755) contains.

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**Color**

**Hex(E09755)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E09755
RGB	224, 151, 85
RGB Percent	88%, 59%, 33%
CMY	0.1216, 0.4078, 0.6667
CMYK	0.00, 0.33, 0.62, 0.12
HSL	28°, 69%, 61%
HSV	28°, 62%, 88%
XYZ	43.4468, 38.6364, 13.7620
YIQ	165.3030, 64.6940, -5.0500

# Conversions

## Conversions Part 2

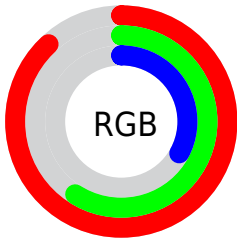
<b>Format</b>	<b>Color</b>
<b>RYB</b>	224, 211, 85
Decimal	14718805
CIELab	68.49, 20.99, 45.30
CIELCh	68, 49.926, 65.134
Yxy	38.6364, 0.4533, 0.4031
Android (android.graphics.Color)	4292908885 (0xFFE09755)
YUV	165.3030, -39.5894, 51.4773
Hunter-Lab	62.1582, 15.9895, 30.3837

# Details

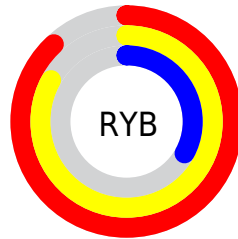
The Hex color **E09755** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **559EE0**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FFCD88**, and **A56424** is the 20% darker color. If you saturate the color by 10%, you get **E08B3F**, and if you desaturate by 10%, it is **E0A36B**.

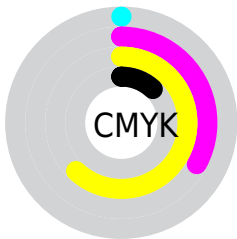
# Distribution



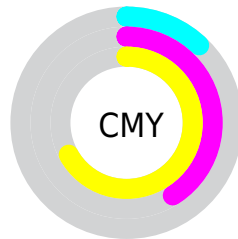
- Red (88%)
- Green (59%)
- Blue (33%)



- Red (88%)
- Yellow (83%)
- Blue (33%)



- Cyan (0%)
- Magenta (33%)
- Yellow (62%)
- Black (12%)



- Cyan (12%)
- Magenta (41%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E09755 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 E09755 by changing the saturation by 10% instead.



 E09755

 E09755

FFFFFF

 C27D3C

 FFCD88

 A56424

 FFEAA3

 884C08

 FFFFBF

 6C3500

 FFFFDB

 501E00

 FFFFF8

 350900

 1C0001

 000000

 E09755

 E09755

 E08B3F

 E0A36B

 E07F28

 E0AF82

 E07412

 E0BA98

 E06A00

 E0C6AF

 E0D2C5

 E0DEDB

 E0E9F2

 E0F5FF

 E0FFFF

# Harmonies

## Analogous

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



F8875



E09755



BAA74A

# Triad

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



E09755



00BEAE



B598F1

# Complementary

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



E09755



559EE0

# 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.



66A9FF



E09755



00BCDA

# Square

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



E09755



4DBB7F



00B6F8



E588CE

# Rectangle

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



E09755



9CB052



00B6F8



9F9EF9



# Sweetspot

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



E09755



FFE6CF



E0559F



807062



000000



808080



# Same Dimension

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



E09755



FF9C42



E0DB55



706A65



B05400



301700



# Inverse Universe

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



559EE0



42A5FF



555AE0



656B70



005CB0



001930



# Previews

## White Background



This preview shows how the Hex color E09755 looks on a white background.

## Color Contrast Check

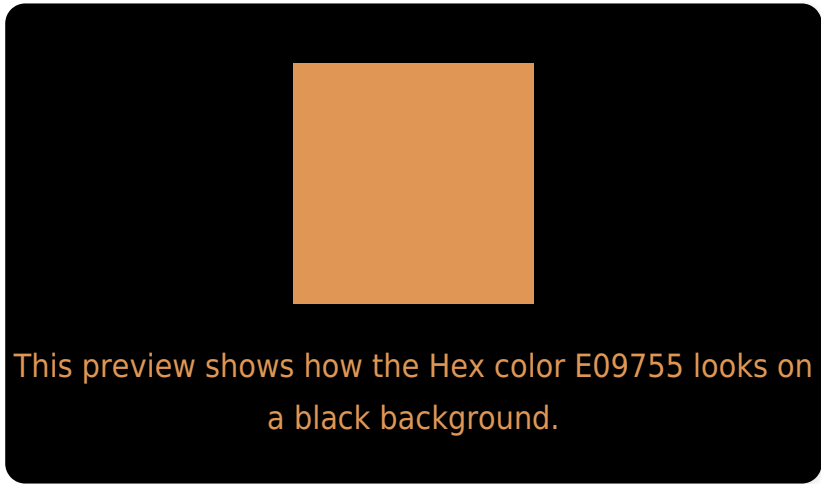
Large Text (above 18pt) WCAG AA × Fail

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

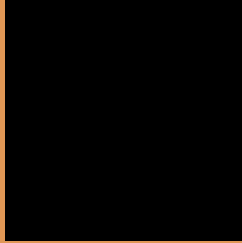
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E09755 Background



This preview shows how black text looks on a background with the Hex color E09755.

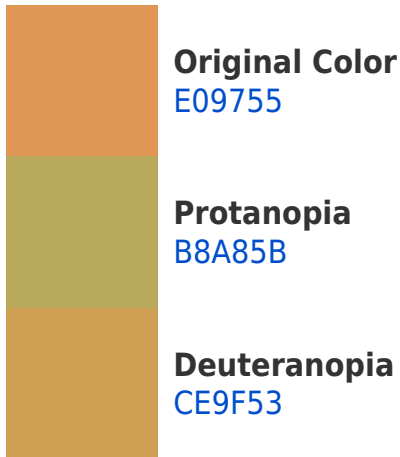


This preview shows how white text looks on a background with the Hex color E09755.

# 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](#).

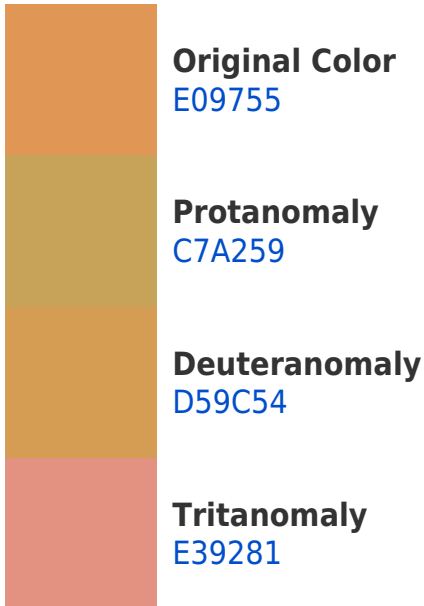
## Dichromacy



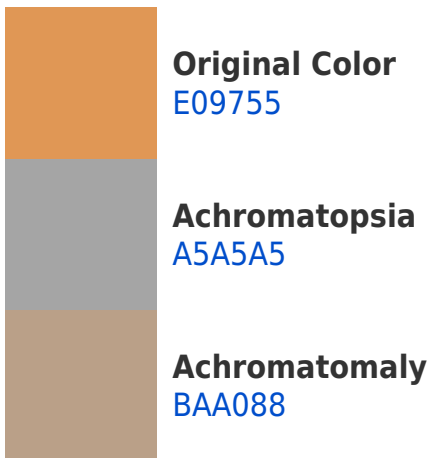


**Tritanopia**  
E58F9A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E09755 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 #E09755 looks like.

```
.text, #text, p{  
    color:#E09755  
}
```

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 #E09755 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E09755
}
```

## Border

The CSS property to change the border of an element to Hex E09755 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
#E09755 }
```

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

```
.border{ border-color:#E09755 }
```

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

Here you see how a box with a 4 pixel #E09755 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E09755; -webkit-box-shadow:4px 4px  
4px 4px #E09755; box-shadow:4px 4px 4px  
4px #E09755 }
```

# Background

The CSS property to change the background color of an element to Hex E09755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E09755 }
```

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

```
.background{ background-color:#E09755 }
```

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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