

# Converting Colors

Hex(E9960D)

Have a look what the booklet for  
Hex(E9960D) contains.

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**Color**

**Hex(E9960D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E9960D
RGB	233, 150, 13
RGB Percent	91%, 59%, 5%
CMY	0.0863, 0.4118, 0.9490
CMYK	0.00, 0.36, 0.94, 0.09
HSL	37°, 89%, 48%
HSV	37°, 94%, 91%
XYZ	44.5833, 39.1654, 5.5907
YIQ	159.1990, 93.4450, -25.0110

# Conversions

## Conversions Part 2

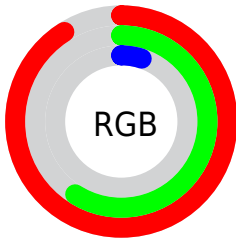
Format	Color
R <sub>Y</sub> B	146, 233, 13
Decimal	15308301
CIE Lab	68.87, 22.67, 71.99
CIE LCh	69, 75.478, 72.523
Yxy	39.1654, 0.4990, 0.4384
Android (android.graphics.Color)	4293498381 (0xFFE9960D)
YUV	159.1990, -72.0761, 64.7235
Hunter-Lab	62.5823, 17.6435, 38.5110

# Details

The Hex color **E9960D** is a dark color, and the websafe version is hex **FF9900**. The color can be described as dark washed orange. A complement of this color would be **0D60E9**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **FFCC50**, and **AB6300** is the 20% darker color. If you saturate the color by 10%, you get **E99100**, and if you desaturate by 10%, it is **E99F24**.

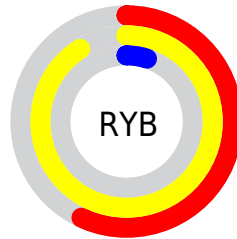
# Distribution



Red (91%)

Green (59%)

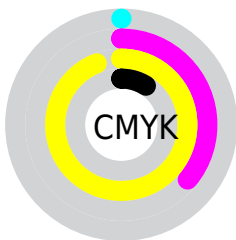
Blue (5%)



Red (57%)

Yellow (91%)

Blue (5%)

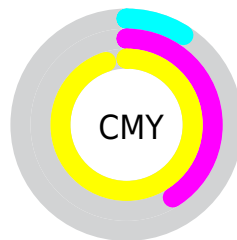


Cyan (0%)

Magenta (36%)

Yellow (94%)

Black (9%)



Cyan (9%)

Magenta (41%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E9960D 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 E9960D by changing the saturation by 10% instead.



 E9960D

 E9960D

FFFFFF

 CA7C00

 FFCC50

 AB6300

 FFE86C

 8D4B00

 FFFF87

 6F3400

 FFFFA3

 531E00

 FFFFC0

 370800

 FFFFDD

 200001

 FFFFFA

 000000

 E9960D

 E9960D

 E99100

 E99F24

 E9A83C

 E9B053

 E9B96A

 E9C282

 E9CB99

 E9D4B0

 E9DCC7

 E9E5DF

# Harmonies

## Analogous

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



FF784E



E9960D



AEAE00

# Triad

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



E9960D



00C8C4



CF88FF

# Complementary

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



E9960D



0D60E9

# 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.



40A6FF



E9960D



00C5FF

# Square

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



E9960D



00C57C



00BBFF



FF6AD3

# Rectangle

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



E9960D



7EB922



00BBFF



AE93FF



# Sweetspot

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



E9960D



FFE4B8



E90D61



806F54



000000



808080



# Same Dimension

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



E9960D



FF9F00



CFE90D



75716A



B57100



362100



# Inverse Universe

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



0D60E9



0060FF



270DE9



6A6E75



0044B5



001436



# Previews

## White Background



This preview shows how the Hex color E9960D looks on a white background.

## Color Contrast Check

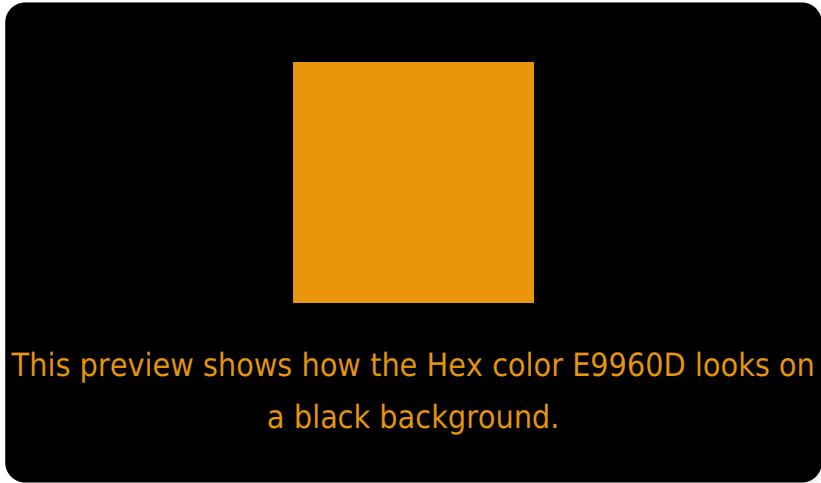
Large Text (above 18pt) WCAG AA × Fail

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 E9960D Background



This preview shows how black text looks on a background with the Hex color E9960D.



This preview shows how white text looks on a background with the Hex color E9960D.

# 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**  
E9960D

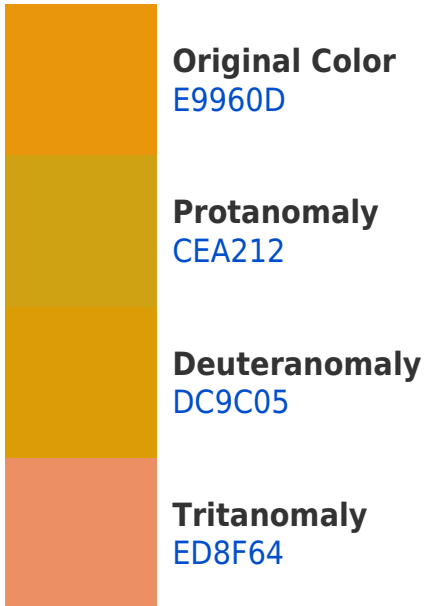
**Protanopia**  
BEA915

**Deuteranopia**  
D5A000

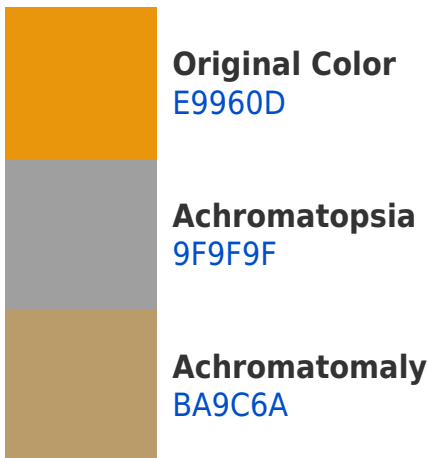


**Tritanopia**  
EF8B96

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E9960D 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 #E9960D looks like.

```
.text, #text, p{  
    color:#E9960D  
}
```

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 #E9960D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E9960D
}
```

## Border

The CSS property to change the border of an element to Hex E9960D 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
#E9960D }
```

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

```
.border{ border-color:#E9960D }
```

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

Here you see how a box with a 4 pixel #E9960D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E9960D; -webkit-box-shadow:4px 4px  
4px 4px #E9960D; box-shadow:4px 4px 4px  
4px #E9960D }
```

# Background

The CSS property to change the background color of an element to Hex E9960D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E9960D }
```

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

```
.background{ background-color:#E9960D }
```

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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