

# Converting Colors

Hex(E09E26)

Have a look what the booklet for  
Hex(E09E26) contains.

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**Color**

**Hex(E09E26)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E09E26
RGB	224, 158, 38
RGB Percent	88%, 62%, 15%
CMY	0.1216, 0.3804, 0.8510
CMYK	0.00, 0.29, 0.83, 0.12
HSL	39°, 75%, 51%
HSV	39°, 83%, 88%
XYZ	43.3172, 40.4410, 7.3565
YIQ	164.0540, 77.8560, -23.3280

# Conversions

## Conversions Part 2

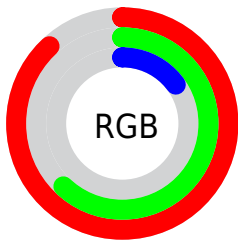
<b>Format</b>	<b>Color</b>
<b>RYB</b>	140, 224, 38
Decimal	14720550
CIELab	69.78, 15.03, 66.44
CIElCh	70, 68.121, 77.257
Yxy	40.4410, 0.4754, 0.4438
Android (android.graphics.Color)	4292910630 (0xFFE09E26)
YUV	164.0540, -62.1446, 52.5726
Hunter-Lab	63.5932, 10.2991, 37.6565

# Details

The Hex color **E09E26** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **2668E0**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **FFD45F**, and **A36B00** is the 20% darker color. If you saturate the color by 10%, you get **E09610**, and if you desaturate by 10%, it is **E0A63C**.

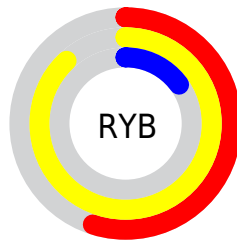
# Distribution



Red (88%)

Green (62%)

Blue (15%)



Red (55%)

Yellow (88%)

Blue (15%)

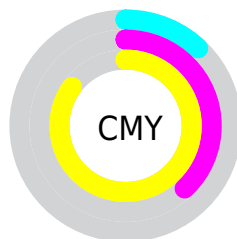


Cyan (0%)

Magenta (29%)

Yellow (83%)

Black (12%)



Cyan (12%)

Magenta (38%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E09E26 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 E09E26 by changing the saturation by 10% instead.



 E09E26

 E09E26

FFFFFF

 C18400

 FFD45F

 A36B00

 FFF17A

 865300

 FFFF96

 693C00

 FFFFB2

 4D2600

 FFFFCE

 331100

 FFFFEB

 1B0001

 000000

 E09E26

 E09E26

 E09610

 E0A63C

 E09100

 E0AE53

 E0B669

 E0BE80

 E0C696

 E0CEAC

 E0D6C3

 E0DED9

 E0E6F0

# Harmonies

## Analogous

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



FF8551



E09E26



A8B224

# Triad

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



E09E26



00C8CD



DA8AFF

# Complementary

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



E09E26



2668E0

# 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.



77A5FF



E09E26



00C4FF

# Square

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



E09E26



00C68D



00B9FF



FF73C8

# Rectangle

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



E09E26



7ABC40



00B9FF



C093FF

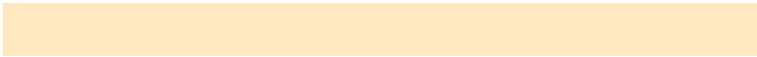


# Sweetspot

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



E09E26



FFE8BF



E0266A



807259



000000



808080



# Same Dimension

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



E09E26



FFA500



C7E026



706C65



B07200



301F00



# Inverse Universe

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



2668E0



005AFF



3F26E0



656970



003EB0



001130



# Previews

## White Background



This preview shows how the Hex color E09E26 looks on a white background.

## Color Contrast Check

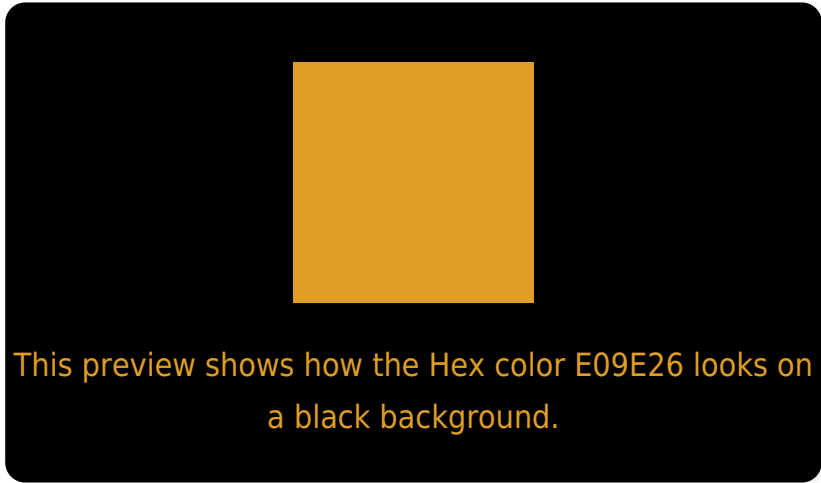
Large Text (above 18pt) WCAG AA × Fail

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 E09E26 Background



This preview shows how black text looks on a background with the Hex color E09E26.



This preview shows how white text looks on a background with the Hex color E09E26.

# 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**  
E09E26

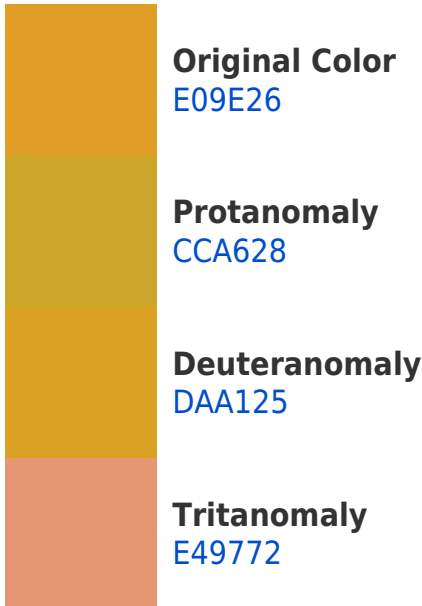
**Protanopia**  
C0AB29

**Deuteranopia**  
D7A224

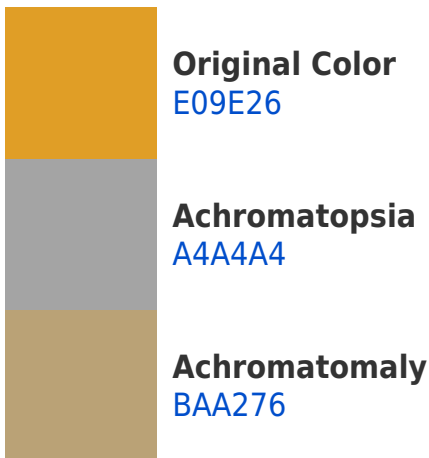


**Tritanopia**  
E7939E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E09E26 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 #E09E26 looks like.

```
.text, #text, p{  
    color:#E09E26  
}
```

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 #E09E26 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E09E26
}
```

## Border

The CSS property to change the border of an element to Hex E09E26 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
#E09E26 }
```

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

```
.border{ border-color:#E09E26 }
```

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

Here you see how a box with a 4 pixel #E09E26 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E09E26; -webkit-box-shadow:4px 4px  
4px 4px #E09E26; box-shadow:4px 4px 4px  
4px #E09E26 }
```

# Background

The CSS property to change the background color of an element to Hex E09E26 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E09E26 }
```

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

```
.background{ background-color:#E09E26 }
```

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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