

# Converting Colors

Hex(E0A808)

Have a look what the booklet for  
Hex(E0A808) contains.

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# **Color**

**Hex(E0A808)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E0A808
RGB	224, 168, 8
RGB Percent	88%, 66%, 3%
CMY	0.1216, 0.3412, 0.9686
CMYK	0.00, 0.25, 0.96, 0.12
HSL	44°, 93%, 45%
HSV	44°, 96%, 88%
XYZ	44.7869, 43.8701, 6.3370
YIQ	166.5040, 84.7360, -37.8880

# Conversions

## Conversions Part 2

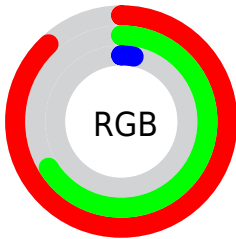
<b>Format</b>	<b>Color</b>
<b>RYB</b>	84, 224, 8
Decimal	14723080
CIELab	72.14, 9.16, 74.46
CIELCh	72, 75.023, 82.986
Yxy	43.8701, 0.4715, 0.4618
Android (android.graphics.Color)	4292913160 (0xFFE0A808)
YUV	166.5040, -78.1425, 50.4240
Hunter-Lab	66.2345, 4.7891, 40.6916

# Details

The Hex color **E0A808** 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 **0840E0**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **FFDF51**, and **A37400** is the 20% darker color. If you saturate the color by 10%, you get **E0A600**, and if you desaturate by 10%, it is **E0AE1E**.

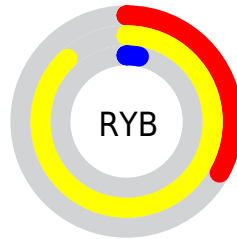
# Distribution



Red (88%)

Green (66%)

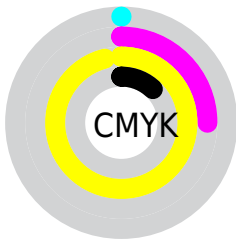
Blue (3%)



Red (33%)

Yellow (88%)

Blue (3%)

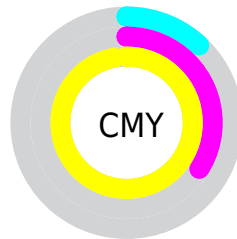


Cyan (0%)

Magenta (25%)

Yellow (96%)

Black (12%)



Cyan (12%)

Magenta (34%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E0A808 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 E0A808 by changing the saturation by 10% instead.



 E0A808

 E0A808

FFFFFF

 C18E00

 FFDF51

 A37400

 FFFB6D

 865C00

 FFFF89

 694500

 FFFFA6

 4D2F00

 FFFFC3

 331A00

 FFFFEO

 1B0000

 FFFFFD

 000000

 E0A808

 E0A808

 E0A600

 E0AE1E

 E0B435

 E0B94B

 E0BF62

 E0C578

 E0CB8E

 E0D1A5

 E0D6BB

 E0DCD2

# Harmonies

## Analogous

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



FF8C42



E0A808



9FBD1B

# Triad

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



E0A808



00D1E5



F486FF

# Complementary

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



E0A808



0840E0

# 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.



91A6FF



E0A808



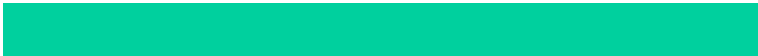
00CBFF

# Square

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



E0A808



00D09E



00BEFF



FF6EC4

# Rectangle

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



E0A808



68C644



00BEFF



DA91FF



# Sweetspot

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



E0A808



FFECB5



E0842



807453



000000



808080



# Same Dimension

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



E0A808



FFBD00



AEE008



706D65



B08200



302400



# Inverse Universe

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



0840E0



0042FF



3A08E0



656870



002EB0



000D30



# Previews

## White Background



This preview shows how the Hex color E0A808 looks on a white background.

## Color Contrast Check

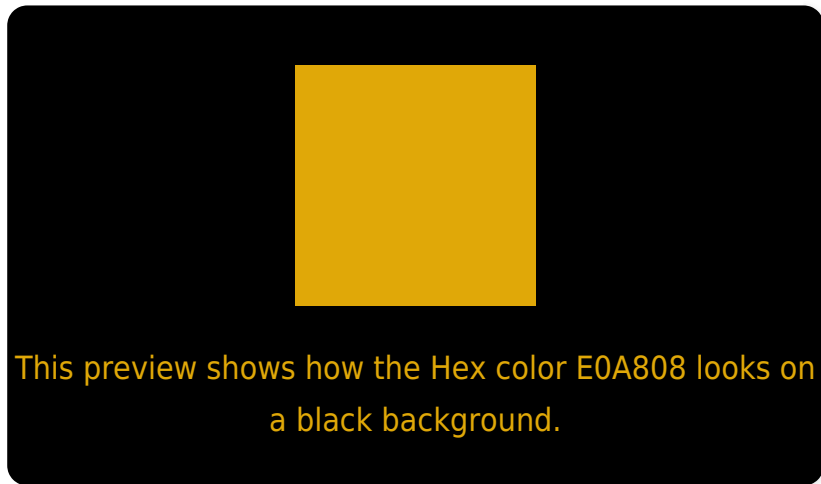
Large Text (above 18pt) WCAG AA × Fail

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 E0A808 Background



This preview shows how black text looks on a background with the Hex color E0A808.



This preview shows how white text looks on a background with the Hex color E0A808.

# 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**  
E0A808

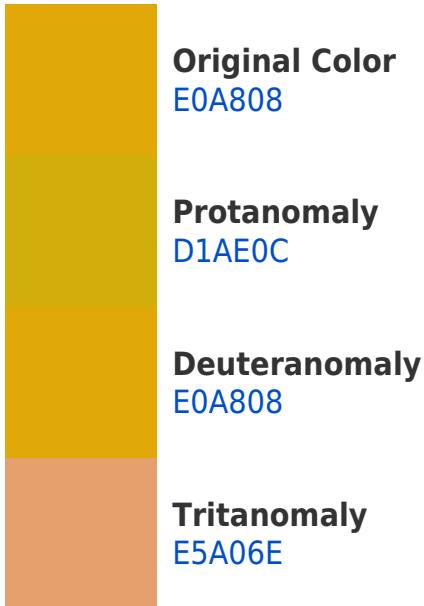
**Protanopia**  
C8B20E

**Deuteranopia**  
E0A808

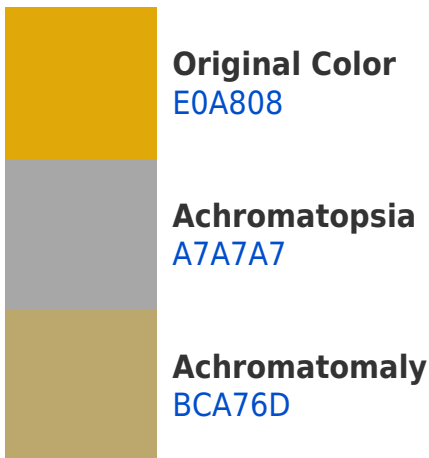


**Tritanopia**  
E89CA8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E0A808 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 #E0A808 looks like.

```
.text, #text, p{  
    color:#E0A808  
}
```

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 #E0A808 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E0A808
}
```

## Border

The CSS property to change the border of an element to Hex E0A808 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
#E0A808 }
```

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

```
.border{ border-color:#E0A808 }
```

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

Here you see how a box with a 4 pixel #E0A808 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E0A808; -webkit-box-shadow:4px 4px  
4px 4px #E0A808; box-shadow:4px 4px 4px  
4px #E0A808 }
```

# Background

The CSS property to change the background color of an element to Hex E0A808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E0A808 }
```

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

```
.background{ background-color:#E0A808 }
```

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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