

Converting Colors

Hex(E0A80D)

Have a look what the booklet for
Hex(E0A80D) contains.

Hex(E0A80D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(E0A80D)

Conversions

Conversions Part 1

Format	Color
Hex	E0A80D
RGB	224, 168, 13
RGB Percent	88%, 66%, 5%
CMY	0.1216, 0.3412, 0.9490
CMYK	0.00, 0.25, 0.94, 0.12
HSL	44°, 89%, 46%
HSV	44°, 94%, 88%
XYZ	44.8157, 43.8816, 6.4887
YIQ	167.0740, 83.1310, -36.3330

Conversions

Conversions Part 2

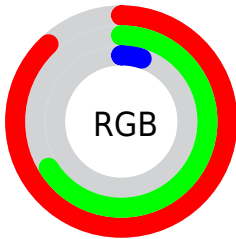
Format	Color
RYB	89, 224, 13
Decimal	14723085
CIELab	72.15, 9.21, 73.86
CIElCh	72, 74.434, 82.891
Yxy	43.8816, 0.4708, 0.4610
Android (android.graphics.Color)	4292913165 (0xFFE0A80D)
YUV	167.0740, -75.9585, 49.9241
Hunter-Lab	66.2432, 4.8356, 40.5626

Details

The Hex color **E0A80D** 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 **0D45E0**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **FFDF53**, and **A37400** is the 20% darker color. If you saturate the color by 10%, you get **E0A500**, and if you desaturate by 10%, it is **E0AE23**.

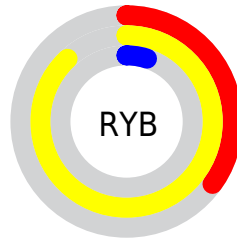
Distribution



Red (88%)

Green (66%)

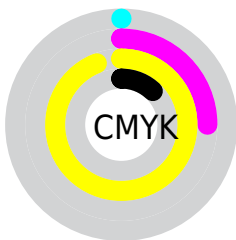
Blue (5%)



Red (35%)

Yellow (88%)

Blue (5%)

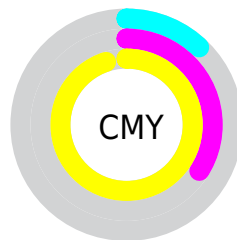


Cyan (0%)

Magenta (25%)

Yellow (94%)

Black (12%)



Cyan (12%)

Magenta (34%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color E0A80D 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 E0A80D by changing the saturation by 10% instead.

 E0A80D

 E0A80D

FFFFFF

 C18E00

 FFDF53

 A37400

 FFFB6F

 865C00

 FFFF8B

 694500

 FFFFA7

 4D2F00

 FFFFC4

 331A00

 FFFFE1

 1B0000

 000000

 E0A80D

 E0A80D

■ E0A500

■ E0AE23

■ E0B43A

■ E0BA50

■ E0C067

■ E0C67D

■ E0CC93

■ E0D2AA

■ E0D8C0

■ E0DED7

Harmonies

Analogous

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



FF8C44



E0A80D



A0BD1D

Triad

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



E0A80D



00D0E4



F387FF

Complementary

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



E0A80D



0D45E0

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



E0A80D



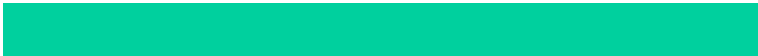
00CBFF

Square

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



E0A80D



00D09E



00BEFF



FF6FC4

Rectangle

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



E0A80D



69C645



00BEFF



D991FF

Sweetspot

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



E0A80D



FFECB8



E00D45



807454



000000



808080

Same Dimension

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



E0A80D



FFBB00



AFE00D



706D65



B08100



302400

Inverse Universe

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



0D45E0



0044FF



3E0DE0



656870



002FB0



000D30

Previews

White Background



This preview shows how the Hex color E0A80D looks on a white background.

Color Contrast Check

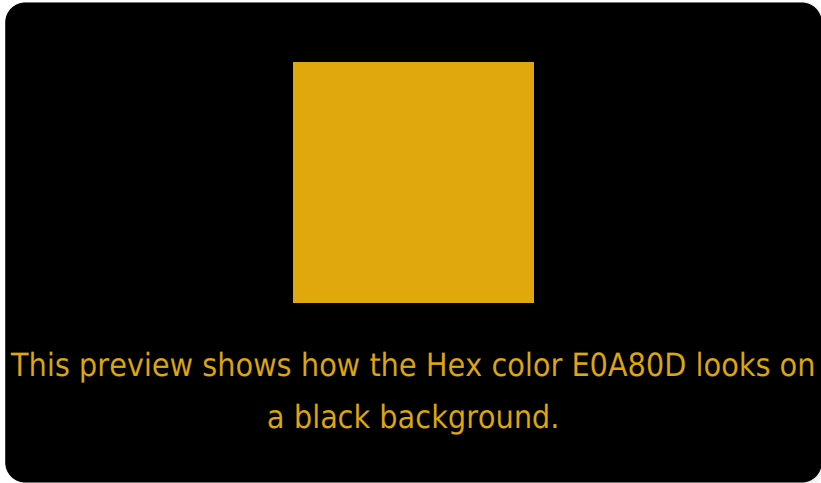
Large Text (above 18pt) WCAG AA × Fail

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 E0A80D Background



This preview shows how black text looks on a background with the Hex color E0A80D.



This preview shows how white text looks on a background with the Hex color E0A80D.

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
E0A80D

Protanopia
C8B212

Deuteranopia
E0A80D

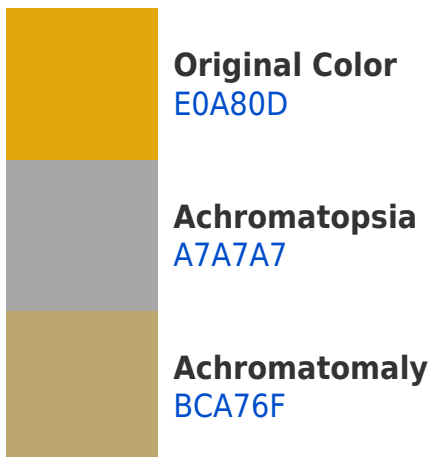


Tritanopia
E89CA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E0A80D 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 #E0A80D looks like.

```
.text, #text, p{  
    color:#E0A80D  
}
```

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 #E0A80D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E0A80D
}
```

Border

The CSS property to change the border of an element to Hex E0A80D 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
#E0A80D }
```

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

```
.border{ border-color:#E0A80D }
```

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

Here you see how a box with a 4 pixel #E0A80D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E0A80D; -webkit-box-shadow:4px 4px  
4px 4px #E0A80D; box-shadow:4px 4px 4px  
4px #E0A80D }
```

Background

The CSS property to change the background color of an element to Hex E0A80D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E0A80D }
```

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

```
.background{ background-color:#E0A80D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor