

# Converting Colors

Hex(E79D0A)

Have a look what the booklet for  
Hex(E79D0A) contains.

<b>Hex(E79D0A)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(E79D0A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E79D0A
RGB	231, 157, 10
RGB Percent	91%, 62%, 4%
CMY	0.0941, 0.3843, 0.9608
CMYK	0.00, 0.32, 0.96, 0.09
HSL	40°, 92%, 47%
HSV	40°, 96%, 91%
XYZ	45.0668, 41.1248, 5.8498
YIQ	162.3680, 91.2910, -30.0290

# Conversions

## Conversions Part 2

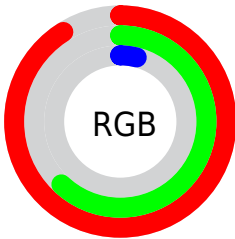
Format	Color
<b>RYB</b>	121, 231, 10
Decimal	15179018
CIELab	70.26, 18.07, 73.26
CIELCh	70, 75.458, 76.148
Yxy	41.1248, 0.4896, 0.4468
Android (android.graphics.Color)	4293369098 (0xFFE79D0A)
YUV	162.3680, -75.1174, 60.1903
Hunter-Lab	64.1286, 13.2169, 39.4816

# Details

The Hex color **E79D0A** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **0A54E7**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **FFD350**, and **A96A00** is the 20% darker color. If you saturate the color by 10%, you get **E79A00**, and if you desaturate by 10%, it is **E7A521**.

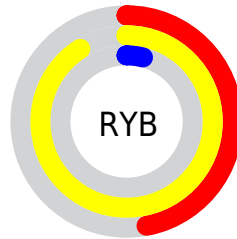
# Distribution



Red (91%)

Green (62%)

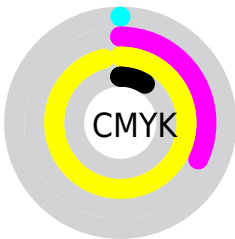
Blue (4%)



Red (47%)

Yellow (91%)

Blue (4%)

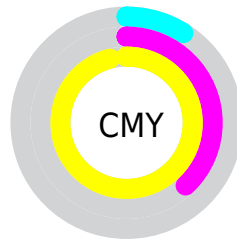


Cyan (0%)

Magenta (32%)

Yellow (96%)

Black (9%)



Cyan (9%)

Magenta (38%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E79D0A 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 E79D0A by changing the saturation by 10% instead.



 E79D0A

 E79D0A

FFFFFF

 C88300

 FFD350

 A96A00

 FFF06C

 8C5200

 FFFF88

 6E3B00

 FFFFA4

 522500

 FFFFC1

 371000

 FFFFDE

 200001

 FFFFFB

 000000

 E79D0A

 E79D0A

 E79A00

 E7A521

 E7AC38

 E7B44F

 E7BC66

 E7C47D

 E7CB95

 E7D3AC

 E7DBC3

 E7E3DA

# Harmonies

## Analogous

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



FF804A



E79D0A



AAB400

# Triad

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



E79D0A



00CCD0



DD88FF

# Complementary

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



E79D0A



0A54E7

# 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.



64A7FF



E79D0A



00C8FF

# Square

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



E79D0A



00CA89



00BDFE



FF6BCF

# Rectangle

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



E79D0A



77BE2F



00BDFF



BF93FF



# Sweetspot

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



E79D0A



FFE6B5



E70A57



807153



000000



808080



# Same Dimension

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



E79D0A



FFAA00



C6E70A



736F67



B37700



332200



# Inverse Universe

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



0A54E7



0055FF



2B0AE7



676B73



003CB3



001133



# Previews

## White Background



This preview shows how the Hex color E79D0A looks on a white background.

## Color Contrast Check

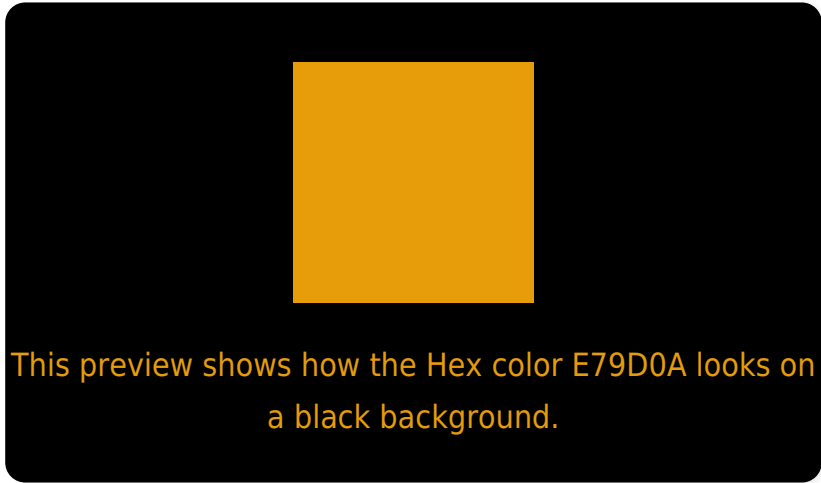
Large Text (above 18pt) WCAG AA × Fail

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 E79D0A Background



This preview shows how black text looks on a background with the Hex color E79D0A.



This preview shows how white text looks on a background with the Hex color E79D0A.

# 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**  
E79D0A

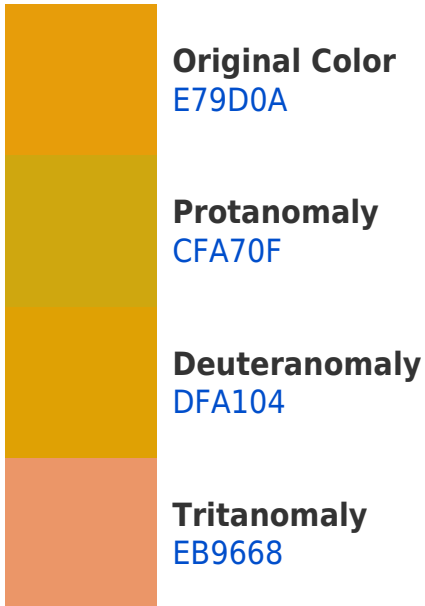
**Protanopia**  
C2AD12

**Deuteranopia**  
DAA300

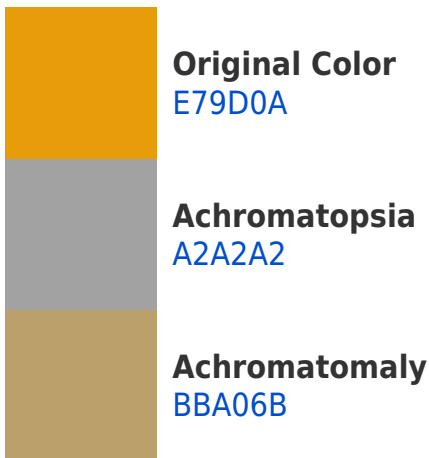


**Tritanopia**  
EE929D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E79D0A 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 #E79D0A looks like.

```
.text, #text, p{  
    color:#E79D0A  
}
```

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 #E79D0A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E79D0A
}
```

## Border

The CSS property to change the border of an element to Hex E79D0A 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
#E79D0A }
```

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

```
.border{ border-color:#E79D0A }
```

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

Here you see how a box with a 4 pixel #E79D0A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E79D0A; -webkit-box-shadow:4px 4px  
4px 4px #E79D0A; box-shadow:4px 4px 4px  
4px #E79D0A }
```

# Background

The CSS property to change the background color of an element to Hex E79D0A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E79D0A }
```

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

```
.background{ background-color:#E79D0A }
```

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