

Converting Colors

Hex(E99C0D)

Have a look what the booklet for
Hex(E99C0D) contains.

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Color

Hex(E99C0D)

Conversions

Conversions Part 1

Format	Color
Hex	E99C0D
RGB	233, 156, 13
RGB Percent	91%, 61%, 5%
CMY	0.0863, 0.3882, 0.9490
CMYK	0.00, 0.33, 0.94, 0.09
HSL	39°, 89%, 48%
HSV	39°, 94%, 91%
XYZ	45.5654, 41.1296, 5.9180
YIQ	162.7210, 91.7950, -28.1490

Conversions

Conversions Part 2

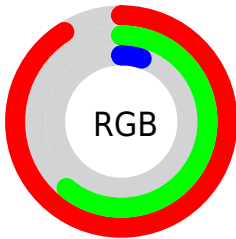
Format	Color
RYB	131, 233, 13
Decimal	15309837
CIELab	70.27, 19.48, 72.98
CIElCh	70, 75.533, 75.051
Yxy	41.1296, 0.4920, 0.4441
Android (android.graphics.Color)	4293499917 (0xFFE99C0D)
YUV	162.7210, -73.8125, 61.6347
Hunter-Lab	64.1324, 14.5907, 39.4215

Details

The Hex color **E99C0D** 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 **0D5AE9**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **FFD251**, and **AB6900** is the 20% darker color. If you saturate the color by 10%, you get **E99700**, and if you desaturate by 10%, it is **E9A424**.

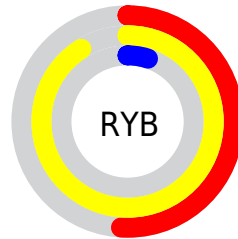
Distribution



Red (91%)

Green (61%)

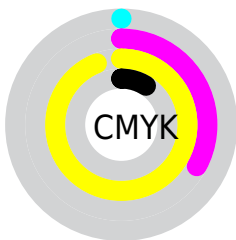
Blue (5%)



Red (51%)

Yellow (91%)

Blue (5%)

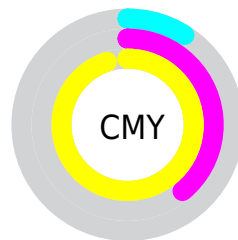


Cyan (0%)

Magenta (33%)

Yellow (94%)

Black (9%)



Cyan (9%)

Magenta (39%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color E99C0D 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 E99C0D by changing the saturation by 10% instead.

 E99C0D

 E99C0D

FFFFFF

 CA8200

 FFD251

 AB6900

 FFEF6D

 8D5100

 FFFF89

 703A00

 FFFFA5

 532400

 FFFFC1

 380E00

 FFFFDE

 220001

 FFFFFC

 000000

 E99C0D

 E99C0D

 E99700

 E9A424

 E9AC3C

 E9B453

 E9BD6A

 E9C582

 E9CD99

 E9D5B0

 E9DDC7

 E9E5DF

Harmonies

Analogous

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



FF7E4C



E99C0D



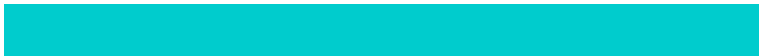
ACB300

Triad

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



E99C0D



00CCCD



DA89FF

Complementary

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



E99C0D



0D5AE9

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.



5CA8FF



E99C0D



00C8FF

Square

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



E99C0D



00C986



00BDFE



FF6CD1

Rectangle

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



E99C0D



7BBE2C



00BDFF



BB94FF

Sweetspot

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



E99C0D



FFE6B8



E90D5A



807054



000000



808080

Same Dimension

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



E99C0D



FFA600



C8E90D



75716A



B57600



362300

Inverse Universe

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



0D5AE9



0059FF



2E0DE9



6A6E75



003FB5



001336

Previews

White Background



This preview shows how the Hex color E99C0D 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



This preview shows how the Hex color E99C0D looks on a 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 E99C0D Background



This preview shows how black text looks on a background with the Hex color E99C0D.



This preview shows how white text looks on a background with the Hex color E99C0D.

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
E99C0D

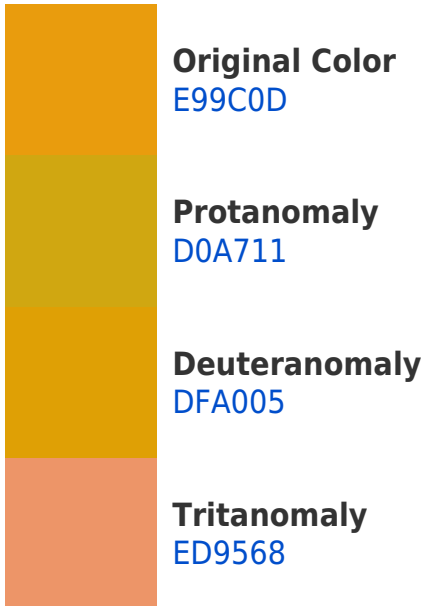
Protanopia
C2AD14

Deuteranopia
DAA300

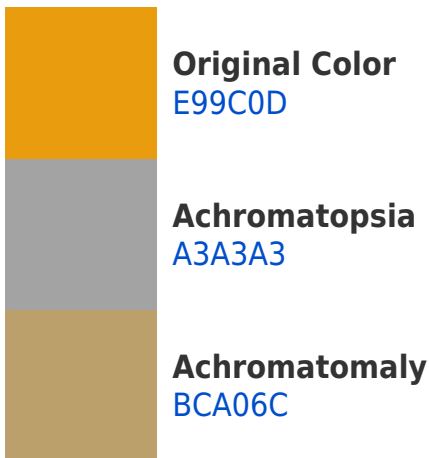


Tritanopia
F0919C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E99C0D 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 #E99C0D looks like.

```
.text, #text, p{  
    color:#E99C0D  
}
```

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 #E99C0D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E99C0D
}
```

Border

The CSS property to change the border of an element to Hex E99C0D 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
#E99C0D }
```

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

```
.border{ border-color:#E99C0D }
```

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

Here you see how a box with a 4 pixel #E99C0D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E99C0D; -webkit-box-shadow:4px 4px  
4px 4px #E99C0D; box-shadow:4px 4px 4px  
4px #E99C0D }
```

Background

The CSS property to change the background color of an element to Hex E99C0D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E99C0D }
```

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

```
.background{ background-color:#E99C0D }
```

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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