

Converting Colors

Hex(E89E10)

Have a look what the booklet for
Hex(E89E10) contains.

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Color

Hex(E89E10)

Conversions

Conversions Part 1

Format	Color
Hex	E89E10
RGB	232, 158, 16
RGB Percent	91%, 62%, 6%
CMY	0.0902, 0.3804, 0.9373
CMYK	0.00, 0.32, 0.93, 0.09
HSL	39°, 87%, 49%
HSV	39°, 93%, 91%
XYZ	45.5991, 41.6469, 6.1255
YIQ	163.9380, 89.6860, -28.4740

Conversions

Conversions Part 2

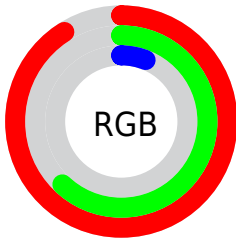
Format	Color
R_YB	129, 232, 16
Decimal	15244816
CIE Lab	70.63, 18.03, 72.72
CIE LCh	71, 74.923, 76.077
Yxy	41.6469, 0.4884, 0.4460
Android (android.graphics.Color)	4293434896 (0xFFE89E10)
YUV	163.9380, -72.9334, 59.6904
Hunter-Lab	64.5344, 13.1902, 39.5464

Details

The Hex color **E89E10** 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 **105AE8**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **FFD452**, and **AA6B00** is the 20% darker color. If you saturate the color by 10%, you get **E89900**, and if you desaturate by 10%, it is **E8A627**.

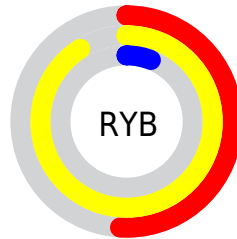
Distribution



Red (91%)

Green (62%)

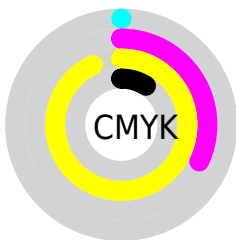
Blue (6%)



Red (51%)

Yellow (91%)

Blue (6%)

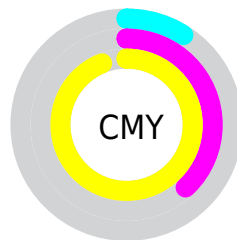


Cyan (0%)

Magenta (32%)

Yellow (93%)

Black (9%)



Cyan (9%)

Magenta (38%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color E89E10 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 E89E10 by changing the saturation by 10% instead.

 E89E10

 E89E10

FFFFFF

 C98400

 FFD452

 AA6B00

 FFF16E

 8D5300

 FFFF8A

 6F3B00

 FFFFA6

 532600

 FFFFC3

 381100

 FFFFEO

 210000

 FFFFFD

 000000

 E89E10

 E89E10

 E89900

 E8A627

 E8AE3E

 E8B656

 E8BE6D

 E8C684

 E8CE9B

 E8D6B2

 E8DECA

 E8E6E1

Harmonies

Analogous

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



FF814C



E89E10



ABB501

Triad

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



E89E10



00CDD1



DE8AFF

Complementary

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



E89E10



105AE8

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.



66A8FF



E89E10



00C9FF

Square

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



E89E10



00CA8A



00BEFF



FF6DCF

Rectangle

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



E89E10



79BF31



00BEFF



C094FF

Sweetspot

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



E89E10



FFE7B8



E8105C



807154



000000



808080

Same Dimension

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



E89E10



FFA800



C8E810



736F67



B37500



332200

Inverse Universe

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



105AE8



0057FF



3010E8



676B73



003DB3



001133

Previews

White Background



This preview shows how the Hex color E89E10 looks on a white background.

Color Contrast Check

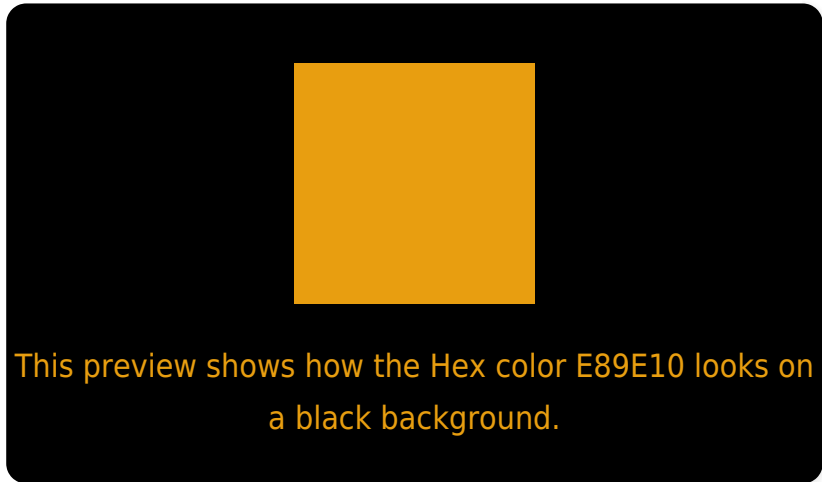
Large Text (above 18pt) WCAG AA × Fail

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 E89E10 Background



This preview shows how black text looks on a background with the Hex color E89E10.



This preview shows how white text looks on a background with the Hex color E89E10.

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
E89E10

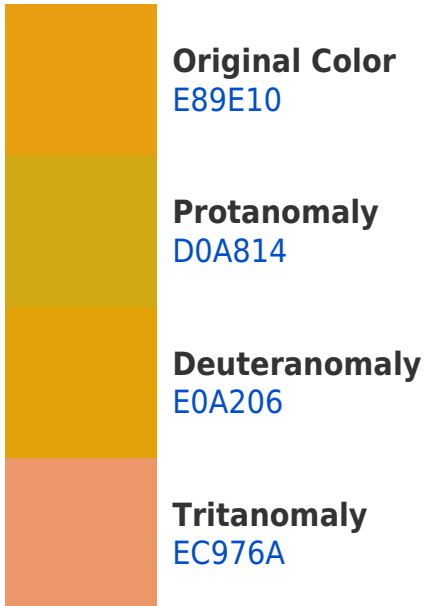
Protanopia
C3AE16

Deuteranopia
DBA400



Tritanopia
EF939E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E89E10 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 #E89E10 looks like.

```
.text, #text, p{  
    color:#E89E10  
}
```

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 #E89E10 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E89E10
}
```

Border

The CSS property to change the border of an element to Hex E89E10 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
#E89E10 }
```

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

```
.border{ border-color:#E89E10 }
```

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

Here you see how a box with a 4 pixel #E89E10 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E89E10; -webkit-box-shadow:4px 4px  
4px 4px #E89E10; box-shadow:4px 4px 4px  
4px #E89E10 }
```

Background

The CSS property to change the background color of an element to Hex E89E10 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E89E10 }
```

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

```
.background{ background-color:#E89E10 }
```

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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