

Converting Colors

Hex(E89806)

Have a look what the booklet for
Hex(E89806) contains.

Hex(E89806)	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(E89806)

Conversions

Conversions Part 1

Format	Color
Hex	E89806
RGB	232, 152, 6
RGB Percent	91%, 60%, 2%
CMY	0.0902, 0.4039, 0.9765
CMYK	0.00, 0.34, 0.97, 0.09
HSL	39°, 95%, 47%
HSV	39°, 97%, 91%
XYZ	44.5398, 39.6254, 5.4733
YIQ	159.2760, 94.5460, -28.4460

Conversions

Conversions Part 2

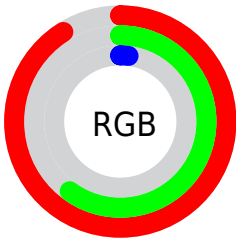
Format	Color
RYB	130, 232, 6
Decimal	15243270
CIELab	69.20, 21.12, 73.09
CIElCh	69, 76.077, 73.886
Yxy	39.6254, 0.4969, 0.4421
Android (android.graphics.Color)	4293433350 (0xFFE89806)
YUV	159.2760, -75.5651, 63.7789
Hunter-Lab	62.9487, 16.1387, 38.9090

Details

The Hex color **E89806** 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 **0656E8**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **FFCE4E**, and **AA6500** is the 20% darker color. If you saturate the color by 10%, you get **E89600**, and if you desaturate by 10%, it is **E8A01D**.

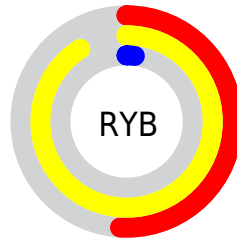
Distribution



Red (91%)

Green (60%)

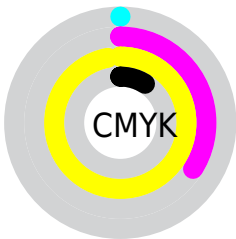
Blue (2%)



Red (51%)

Yellow (91%)

Blue (2%)

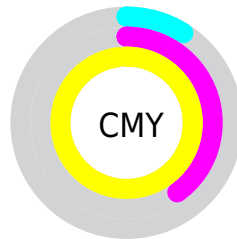


Cyan (0%)

Magenta (34%)

Yellow (97%)

Black (9%)



Cyan (9%)

Magenta (40%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color E89806 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 E89806 by changing the saturation by 10% instead.

 E89806

 E89806

FFFFFF

 C97E00

 FFCE4E

 AA6500

 FFEA6A

 8C4D00

 FFFF86

 6E3600

 FFFFA2

 522000

 FFFFBE

 370A00

 FFFFDB

 1F0001

 FFFFF9

 000000

 E89806

 E89806

 E89600

 E8A01D

 E8A834

 E8B14C

 E8B963

 E8C17A

 E8C991

 E8D1A8

 E8DAC0

 E8E2D7

Harmonies

Analogous

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



FF7A4B



E89806



ACB000

Triad

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



E89806



00C9C8



D487FF

Complementary

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



E89806



0656E8

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.



4CA6FF



E89806



00C6FF

Square

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



E89806



00C680



00BBFF



FF69D1

Rectangle

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



E89806



7ABB25



00BBFF



B492FF

Sweetspot

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



E89806



FFE5B5



E80659



807053



000000



808080

Same Dimension

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



E89806



FFA500



CAE806



736F67



B37300



332100

Inverse Universe

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



0656E8



005AFF



2406E8



676B73



003FB3



001233

Previews

White Background



This preview shows how the Hex color E89806 looks on a white background.

Color Contrast Check

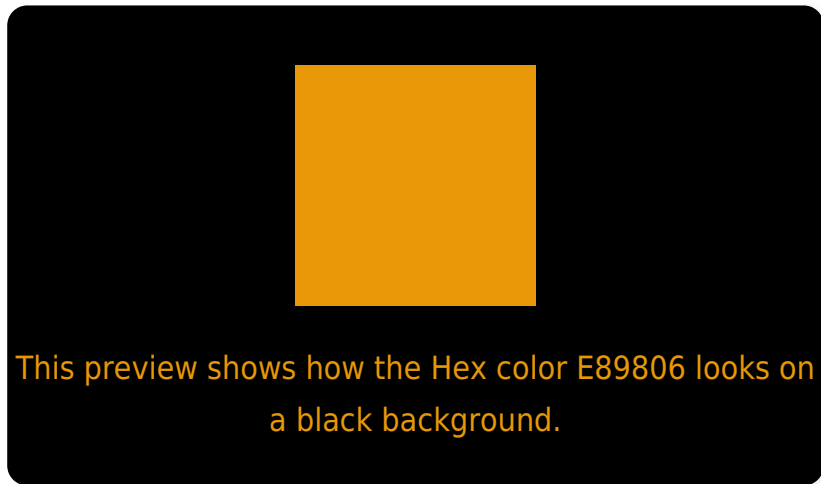
Large Text (above 18pt) WCAG AA × Fail

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 E89806 Background



This preview shows how black text looks on a background with the Hex color E89806.



This preview shows how white text looks on a background with the Hex color E89806.

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
E89806

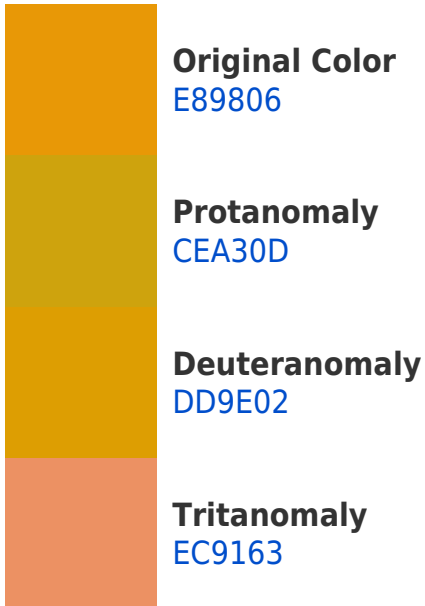
Protanopia
BFAA11

Deuteranopia
D6A100

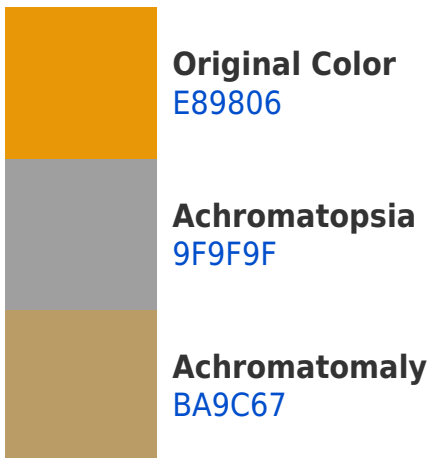


Tritanopia
EE8D98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E89806 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 #E89806 looks like.

```
.text, #text, p{  
    color:#E89806  
}
```

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 #E89806 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E89806
}
```

Border

The CSS property to change the border of an element to Hex E89806 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
#E89806 }
```

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

```
.border{ border-color:#E89806 }
```

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

Here you see how a box with a 4 pixel #E89806 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E89806; -webkit-box-shadow:4px 4px  
4px 4px #E89806; box-shadow:4px 4px 4px  
4px #E89806 }
```

Background

The CSS property to change the background color of an element to Hex E89806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E89806 }
```

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

```
.background{ background-color:#E89806 }
```

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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