

Converting Colors

Hex(E09706)

Have a look what the booklet for
Hex(E09706) contains.

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Color

Hex(E09706)

Conversions

Conversions Part 1

Format	Color
Hex	E09706
RGB	224, 151, 6
RGB Percent	88%, 59%, 2%
CMY	0.1216, 0.4078, 0.9765
CMYK	0.00, 0.33, 0.97, 0.12
HSL	40°, 95%, 45%
HSV	40°, 97%, 88%
XYZ	41.8400, 37.9937, 5.3006
YIQ	156.2970, 90.0530, -29.6190

Conversions

Conversions Part 2

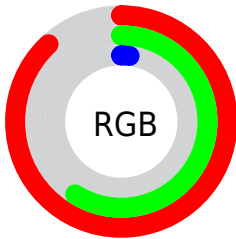
Format	Color
R_{YB}	116, 224, 6
Decimal	14718726
CIE _{Lab}	68.02, 18.22, 71.83
CIE _{LCh}	68, 74.102, 75.769
Yxy	37.9937, 0.4915, 0.4463
Android (android.graphics.Color)	4292908806 (0xFFE09706)
YUV	156.2970, -74.0964, 59.3755
Hunter-Lab	61.6390, 13.2958, 38.0487

Details

The Hex color **E09706** 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 **064FE0**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **FFCD4D**, and **A36400** is the 20% darker color. If you saturate the color by 10%, you get **E09500**, and if you desaturate by 10%, it is **E09F1C**.

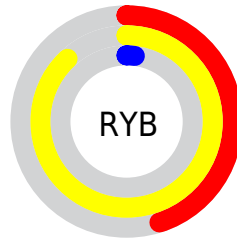
Distribution



Red (88%)

Green (59%)

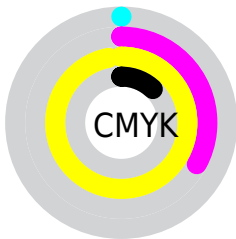
Blue (2%)



Red (45%)

Yellow (88%)

Blue (2%)

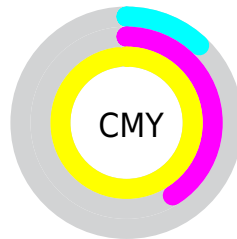


Cyan (0%)

Magenta (33%)

Yellow (97%)

Black (12%)



Cyan (12%)

Magenta (41%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color E09706 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 E09706 by changing the saturation by 10% instead.

 E09706

 E09706

FFFFFF

 C17D00

 FFCD4D

 A36400

 FFE969

 854C00

 FFFF85

 683500

 FFFFA1

 4C2000

 FFFFBD

 310B00

 FFFFDA

 150000

 FFFFF8

 000000

 E09706

 E09706

 E09500

 E09F1C

 E0A633

 E0AE49

 E0B560

 E0BD76

 E0C48C

 E0CCA3

 E0D3B9

 E0DBD0

Harmonies

Analogous

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



FF7A47



E09706



A5AD00

Triad

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



E09706



00C5C8



D583FF

Complementary

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



E09706



064FE0

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.



5CA1FF



E09706



00C1FF

Square

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



E09706



00C382



00B6FF



FF67C9

Rectangle

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



E09706



74B82B



00B6FF



B78EFF

Sweetspot

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



E09706



FFE6B5



E00652



807153



000000



808080

Same Dimension

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



E09706



FFAA00



BFE006



706C65



B07500



302000

Inverse Universe

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



064FE0



0055FF



2706E0



656970



003BB0



001030

Previews

White Background



This preview shows how the Hex color E09706 looks on a white background.

Color Contrast Check

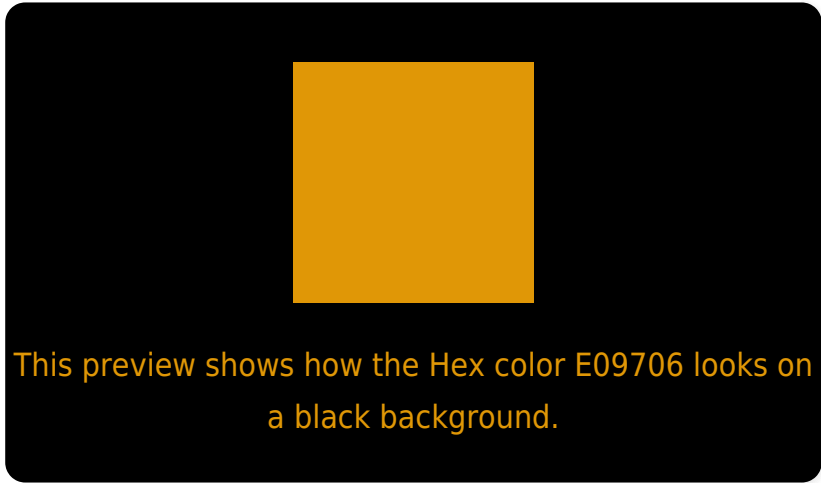
Large Text (above 18pt) WCAG AA × Fail

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 E09706 Background



This preview shows how black text looks on a background with the Hex color E09706.



This preview shows how white text looks on a background with the Hex color E09706.

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
E09706

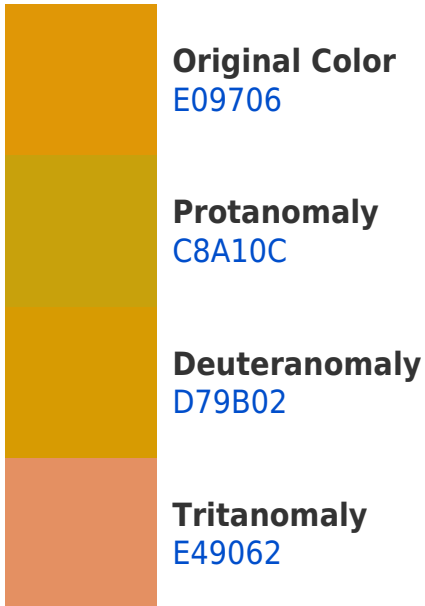
Protanopia
BBA710

Deuteranopia
D29E00

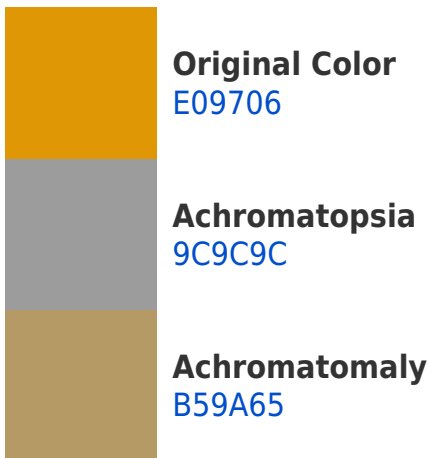


Tritanopia
E68C97

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E09706 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 #E09706 looks like.

```
.text, #text, p{  
    color:#E09706  
}
```

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 #E09706 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E09706
}
```

Border

The CSS property to change the border of an element to Hex E09706 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
#E09706 }
```

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

```
.border{ border-color:#E09706 }
```

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

Here you see how a box with a 4 pixel #E09706 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E09706; -webkit-box-shadow:4px 4px  
4px 4px #E09706; box-shadow:4px 4px 4px  
4px #E09706 }
```

Background

The CSS property to change the background color of an element to Hex E09706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E09706 }
```

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

```
.background{ background-color:#E09706 }
```

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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