

Converting Colors

Hex(0EA806)

Have a look what the booklet for
Hex(0EA806) contains.

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Color

Hex(0EA806)

Conversions

Conversions Part 1

Format	Color
Hex	0EA806
RGB	14, 168, 6
RGB Percent	5%, 66%, 2%
CMY	0.9451, 0.3412, 0.9765
CMYK	0.92, 0.00, 0.96, 0.34
HSL	117°, 93%, 34%
HSV	117°, 96%, 66%
XYZ	14.2166, 28.1118, 4.8491
YIQ	103.4860, -39.7820, -83.0300

Conversions

Conversions Part 2

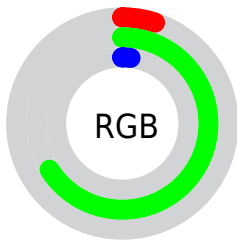
Format	Color
RYB	6, 168, 160
Decimal	960518
CIELab	59.99, -62.13, 60.12
CIElCh	60, 86.457, 135.939
Yxy	28.1118, 0.3013, 0.5959
Android (android.graphics.Color)	4279150598 (0xFF0EA806)
YUV	103.4860, -48.0606, -78.4792
Hunter-Lab	53.0205, -44.9240, 31.6919

Details

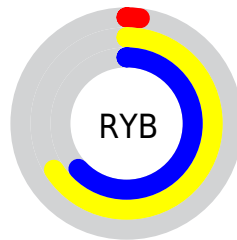
The Hex color **0EA806** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **A06A8**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **61E14B**, and **007200** is the 20% darker color. If you saturate the color by 10%, you get **08A800**, and if you desaturate by 10%, it is **1EA817**.

Distribution



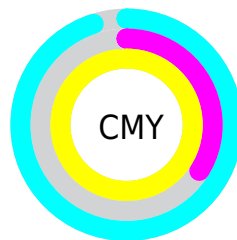
- Red (5%)
- Green (66%)
- Blue (2%)



- Red (2%)
- Yellow (66%)
- Blue (63%)



- Cyan (92%)
- Magenta (0%)
- Yellow (96%)
- Black (34%)



- Cyan (95%)
- Magenta (34%)
- Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0EA806 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 0EA806 by changing the saturation by 10% instead.

 0EA806

 0EA806

FFFFFF

 008D00

 61E14B

 007200

 81FE67

 005800

 9FFF83

 003F00

 BDF9E

 002800

 DBFFBB

 000000

 FAFFD7

 FFFFF5

 0EA806

 0EA806

■ 08A800

■ 1EA817

■ 2EA828

■ 3EA838

■ 4EA849

■ 5EA85A

■ 6EA86B

■ 7EA87C

■ 8EA88C

■ 9EA89D

Harmonies

Analogous

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



899A00



0EA806



00AF69

Triad

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



0EA806



00A4FF



FF2B6C

Complementary

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



0EA806



A006A8

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.



FF34B8



0EA806



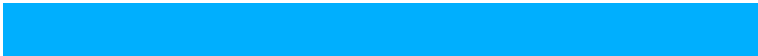
008CFF

Square

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



0EA806



00AFFE



C465FC



FD5920

Rectangle

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



0EA806



00B19E



C465FC



FF2385

Sweetspot

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



0EA806



9FDB9C



A8A006



496E47



EDEDED



6E6E6E

Same Dimension

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



0EA806



0BDB00



06A84F



4C544C



079400



011400

Inverse Universe

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



A006A8



D000DB



A8065F



544C54



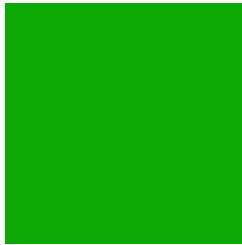
8D0094



130014

Previews

White Background



This preview shows how the Hex color 0EA806 looks on a white background.

Color Contrast Check

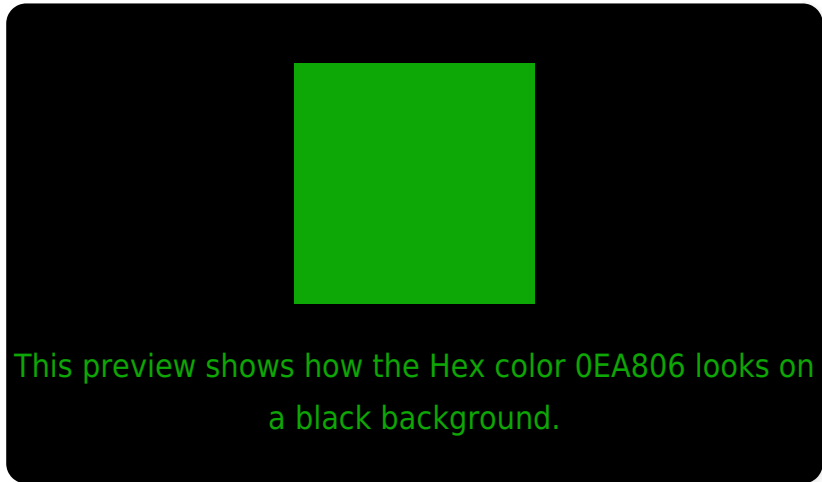
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 0EA806 Background



This preview shows how black text looks on a background with the Hex color 0EA806.

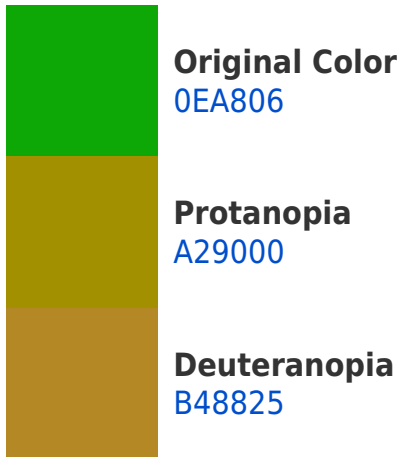


This preview shows how white text looks on a background with the Hex color 0EA806.

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





Tritanopia
479CA9

Trichromacy



Original Color
0EA806



Protanomaly
6C9902



Deuteranomaly
78941A



Tritanomaly
32A06E

Monochromacy



Original Color
0EA806



Achromatopsia
676767



Achromatomaly
477F44

CSS Examples

Text

The CSS property to change the color of the text to Hex 0EA806 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 #0EA806 looks like.

```
.text, #text, p{  
    color:#0EA806  
}
```

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 #0EA806 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0EA806
}
```

Border

The CSS property to change the border of an element to Hex 0EA806 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
#0EA806 }
```

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

```
.border{ border-color:#0EA806 }
```

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

Here you see how a box with a 4 pixel #0EA806 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0EA806; -webkit-box-shadow:4px 4px  
4px 4px #0EA806; box-shadow:4px 4px 4px  
4px #0EA806 }
```

Background

The CSS property to change the background color of an element to Hex 0EA806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0EA806 }
```

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

```
.background{ background-color:#0EA806 }
```

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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