

Converting Colors

Hex(0EA910)

Have a look what the booklet for
Hex(0EA910) contains.

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Color

Hex(0EA910)

Conversions

Conversions Part 1

Format	Color
Hex	0EA910
RGB	14, 169, 16
RGB Percent	5%, 66%, 6%
CMY	0.9451, 0.3373, 0.9373
CMYK	0.92, 0.00, 0.91, 0.34
HSL	121°, 85%, 36%
HSV	121°, 92%, 66%
XYZ	14.4626, 28.5067, 5.2303
YIQ	105.2130, -43.2670, -80.4430

Conversions

Conversions Part 2

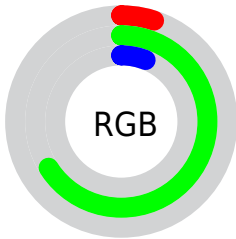
Format	Color
RYB	14, 167, 169
Decimal	960784
CIELab	60.34, -62.13, 58.92
CIELCh	60, 85.630, 136.518
Yxy	28.5067, 0.3001, 0.5914
Android (android.graphics.Color)	4279150864 (0xFF0EA910)
YUV	105.2130, -43.9820, -79.9938
Hunter-Lab	53.3917, -45.0838, 31.5661

Details

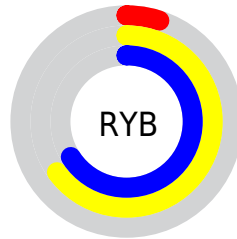
The Hex color **0EA910** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **A90EA7**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **62E24F**, and **007300** is the 20% darker color. If you saturate the color by 10%, you get **00A902**, and if you desaturate by 10%, it is **1FA921**.

Distribution



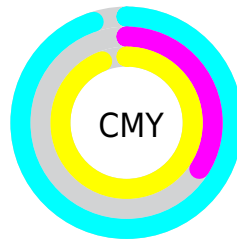
- Red (5%)
- Green (66%)
- Blue (6%)



- Red (5%)
- Yellow (65%)
- Blue (66%)



- Cyan (92%)
- Magenta (0%)
- Yellow (91%)
- Black (34%)



- Cyan (95%)
- Magenta (34%)
- Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0EA910 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 0EA910 by changing the saturation by 10% instead.

 0EA910

 0EA910

FFFFFF

 008E00

 62E24F

 007300

 81FF6B

 005900

 9FFF86

 004000

 BDFFA2

 002900

 DBFFBE

 000200

 FAFFDB

 000000

 FFFFF8

 0EA910

 0EA910

■ 00A902

■ 1FA921

■ 30A931

■ 41A942

■ 52A953

■ 63A963

■ 73A974

■ 84A985

■ 95A995

■ A6A9A6

Harmonies

Analogous

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



899B00



0EA910



00B06B

Triad

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



0EA910



00A4FF



FF306C

Complementary

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



0EA910



A90EA7

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.



FF37B7



0EA910



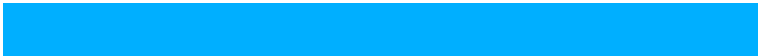
008DFF

Square

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



0EA910



00AFFF



C666FB



FD5C21

Rectangle

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



0EA910



00B2A1



C666FB



FF2884

Sweetspot

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



0EA910



9EDB9F



A9A90E



486E49



EDEDED



6E6E6E

Same Dimension

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



0EA910



00DB03



0EA95B



4C544C



009402



001400

Inverse Universe

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



A90EA7



DB00D8



A90E5B



544C54



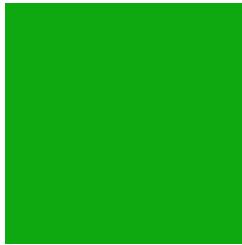
940092



140014

Previews

White Background



This preview shows how the Hex color 0EA910 looks on a white background.

Color Contrast Check

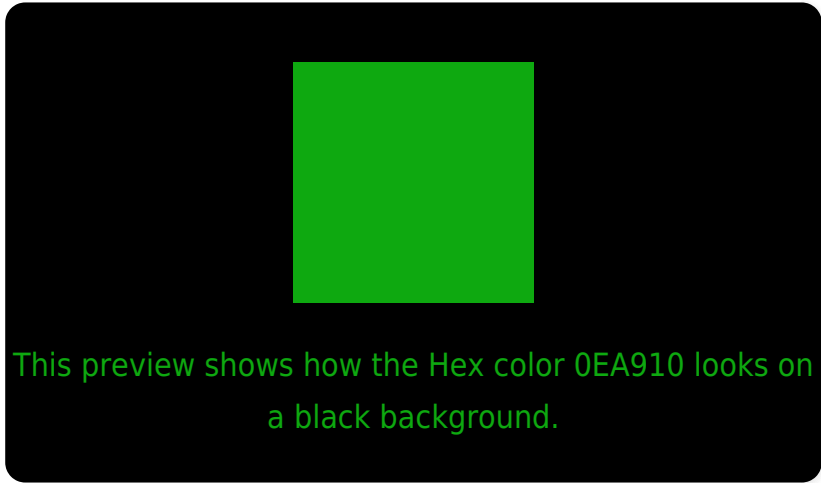
Large Text (above 18pt) WCAG AA ✓ Pass

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 0EA910 Background



This preview shows how black text looks on a background with the Hex color 0EA910.

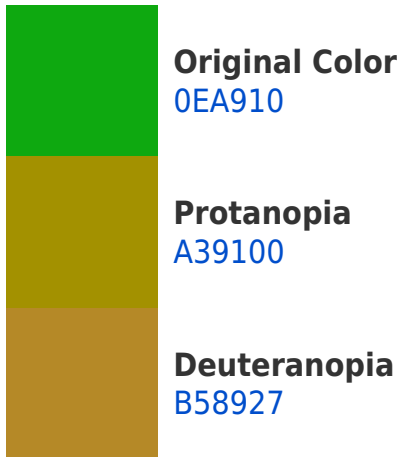


This preview shows how white text looks on a background with the Hex color 0EA910.

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
489DAA

Trichromacy



Original Color
0EA910



Protanomaly
6D9A06



Deuteranomaly
78951F



Tritanomaly
33A172

Monochromacy



Original Color
0EA910



Achromatopsia
696969



Achromatomaly
488049

CSS Examples

Text

The CSS property to change the color of the text to Hex 0EA910 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 #0EA910 looks like.

```
.text, #text, p{  
    color:#0EA910  
}
```

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 #0EA910 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0EA910
}
```

Border

The CSS property to change the border of an element to Hex 0EA910 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
#0EA910 }
```

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

```
.border{ border-color:#0EA910 }
```

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

Here you see how a box with a 4 pixel #0EA910 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0EA910; -webkit-box-shadow:4px 4px  
4px 4px #0EA910; box-shadow:4px 4px 4px  
4px #0EA910 }
```

Background

The CSS property to change the background color of an element to Hex 0EA910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0EA910 }
```

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

```
.background{ background-color:#0EA910 }
```

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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