

Converting Colors

Hex(0876CE)

Have a look what the booklet for
Hex(0876CE) contains.

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Color

Hex(0876CE)

Conversions

Conversions Part 1

Format	Color
Hex	0876CE
RGB	8, 118, 206
RGB Percent	3%, 46%, 81%
CMY	0.9686, 0.5373, 0.1922
CMYK	0.96, 0.43, 0.00, 0.19
HSL	207°, 93%, 42%
HSV	207°, 96%, 81%
XYZ	17.7192, 17.4647, 60.8296
YIQ	95.1420, -93.8080, 4.0480

Conversions

Conversions Part 2

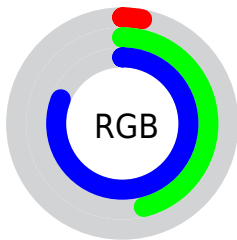
Format	Color
RYB	8, 79, 206
Decimal	554702
CIELab	48.84, 6.15, -52.93
CIELCh	49, 53.283, 276.624
Yxy	17.4647, 0.1845, 0.1819
Android (android.graphics.Color)	4278744782 (0xFF0876CE)
YUV	95.1420, 54.6530, -76.4235
Hunter-Lab	41.7908, 2.5494, -57.0474

Details

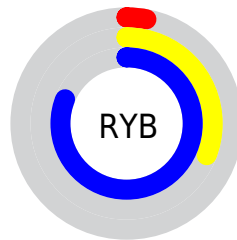
The Hex color **0876CE** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **CE6008**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **65AAFF**, and **004797** is the 20% darker color. If you saturate the color by 10%, you get **0072CE**, and if you desaturate by 10%, it is **1D7FCE**.

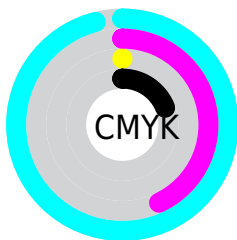
Distribution



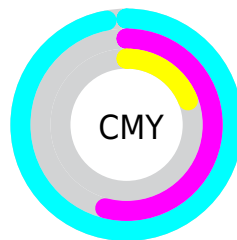
- Red (3%)
- Green (46%)
- Blue (81%)



- Red (3%)
- Yellow (31%)
- Blue (81%)



- Cyan (96%)
- Magenta (43%)
- Yellow (0%)
- Black (19%)



- Cyan (97%)
- Magenta (54%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0876CE 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 0876CE by changing the saturation by 10% instead.

 0876CE

 0876CE

FFFFFF

 005EB2

 65AAFF

 004797

 84C5FF

 00317D

 A3E0FF

 001E63

 C2FDFF

 00084B

 E0FFFF

 000433

 00021D

 000000

 0876CE

 0876CE

■ 0072CE

■ 1D7FCE

■ 3188CE

■ 4691CE

■ 5A9BCE

■ 6FA4CE

■ 84ADCE

■ 98B6CE

■ ADBFCE

■ C1C8CE

Harmonies

Analogous

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



0082C7



0876CE



8264BD

Triad

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



0876CE



BF5241



00874E

Complementary

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



0876CE



CE6008

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.



528025



0876CE



A7651C

Square

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



0876CE



C5476C



817508



00897D

Rectangle

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



0876CE



A656A6



817508



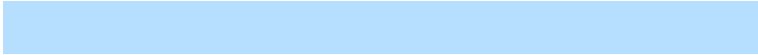
1E8540

Sweetspot

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



0876CE



B5DEFF



08CE5E



536C80



000000



808080

Same Dimension

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



0876CE



008EFF



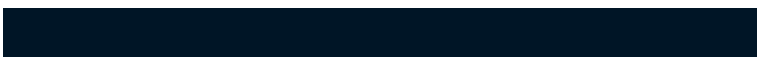
0815CE



5C6166



005CA6



001526

Inverse Universe

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



CE0876



FF008E



CEC108



665C61



A6005C



260015

Previews

White Background



This preview shows how the Hex color 0876CE looks on a white background.

Color Contrast Check

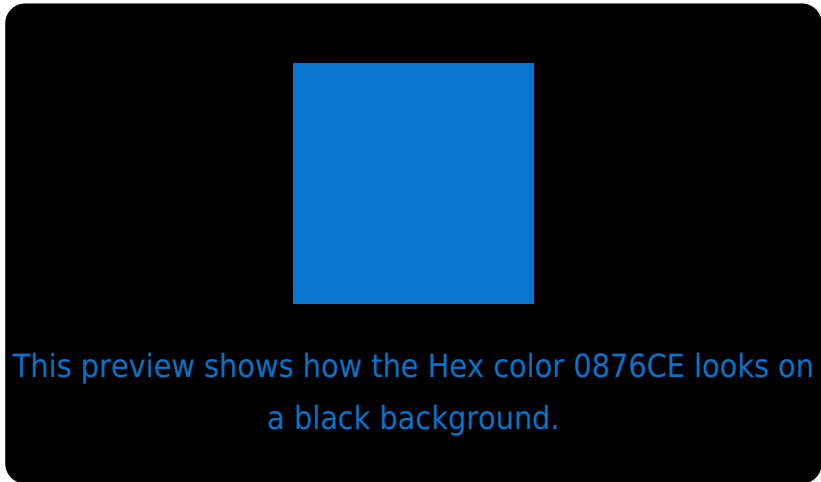
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

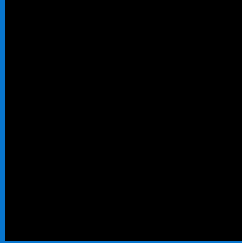
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 0876CE Background



This preview shows how black text looks on a background with the Hex color 0876CE.



This preview shows how white text looks on a background with the Hex color 0876CE.

Color Blindness Simulation

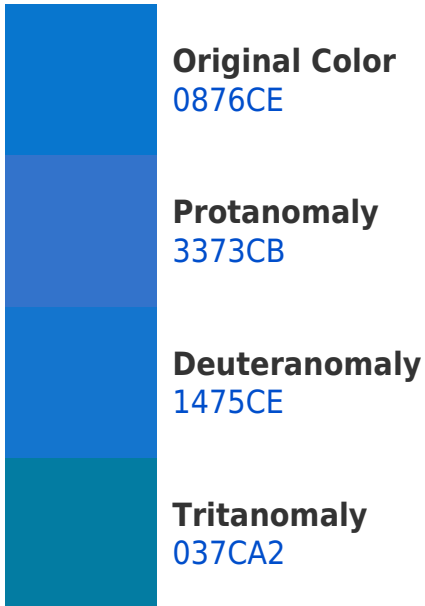
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

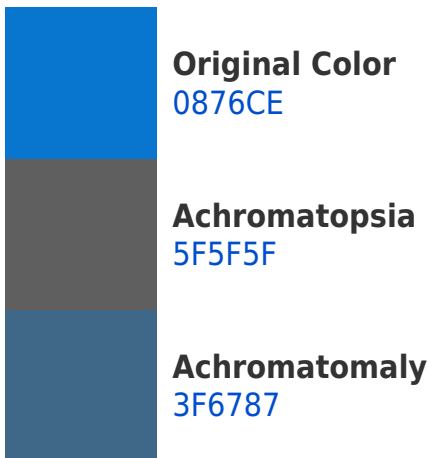




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0876CE 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 #0876CE looks like.

```
.text, #text, p{  
    color:#0876CE  
}
```

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 #0876CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0876CE
}
```

Border

The CSS property to change the border of an element to Hex 0876CE 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
#0876CE }
```

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

```
.border{ border-color:#0876CE }
```

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

Here you see how a box with a 4 pixel #0876CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0876CE; -webkit-box-shadow:4px 4px  
4px 4px #0876CE; box-shadow:4px 4px 4px  
4px #0876CE }
```

Background

The CSS property to change the background color of an element to Hex 0876CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0876CE }
```

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

```
.background{ background-color:#0876CE }
```

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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