

# Converting Colors

Hex(0886CF)

Have a look what the booklet for  
Hex(0886CF) contains.

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# Color

Hex(0886CF)

# Conversions

## Conversions Part 1

Format	Color
Hex	0886CF
RGB	8, 134, 207
RGB Percent	3%, 53%, 81%
CMY	0.9686, 0.4745, 0.1882
CMYK	0.96, 0.35, 0.00, 0.19
HSL	202°, 93%, 42%
HSV	202°, 96%, 81%
XYZ	19.8877, 21.6068, 62.1538
YIQ	104.6480, -98.5290, -4.0090

# Conversions

## Conversions Part 2

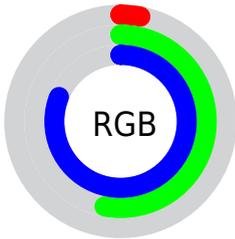
<b>Format</b>	<b>Color</b>
<b>RYB</b>	8, 85, 207
Decimal	558799
CIELab	53.61, -3.19, -45.89
CIELCh	54, 46.006, 266.019
Yxy	21.6068, 0.1919, 0.2085
Android (android.graphics.Color)	4278748879 (0xFF0886CF)
YUV	104.6480, 50.4595, -84.7603
Hunter-Lab	46.4831, -4.9746, -46.7400

# Details

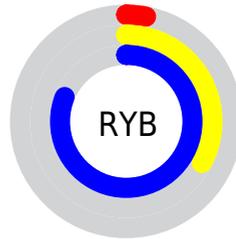
The Hex color **0886CF** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **CF5108**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **65BBFF**, and **005598** is the 20% darker color. If you saturate the color by 10%, you get **0083CF**, and if you desaturate by 10%, it is **1D8ECF**.

# Distribution



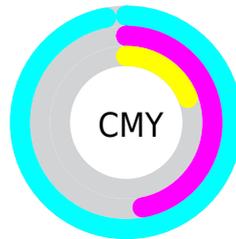
- Red (3%)
- Green (53%)
- Blue (81%)



- Red (3%)
- Yellow (33%)
- Blue (81%)



- Cyan (96%)
- Magenta (35%)
- Yellow (0%)
- Black (19%)



- Cyan (97%)
- Magenta (47%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0886CF 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 0886CF by changing the saturation by 10% instead.

 0886CF

 0886CF

FFFFFF

 006DB3

 65BBFF

 005598

 85D6FF

 003E7E

 A4F3FF

 002964

 C2FFFF

 00154C

 E1FFFF

 000535

 00021E

 000001

 000000

■ 0886CF

■ 0886CF

■ 0083CF

■ 1D8ECF

■ 3195CF

■ 469DCF

■ 5BA4CF

■ 6FACCF

■ 84B4CF

■ 99BBCF

■ AEC3CF

■ C2CACF

# Harmonies

## Analogous

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



008FC1



0886CF



7978C7

# Triad

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



0886CF



C86060



419052

# Complementary

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



0886CF



CF5108

# 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.



748835



0886CF



B96D3F

# Square

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



0886CF



C55E87



9B7C2D



009379

# Rectangle

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



0886CF



9E6DB7



9B7C2D



558E47

# Sweetspot

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



0886CF



B5E4FF



08CF51



536F80



000000



808080



# Same Dimension

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



0886CF



00A1FF



0823CF



5E6569



006BA8



001A29



# Inverse Universe

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



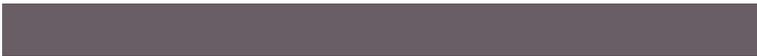
CF0886



FF00A1



CFB408



695E65



A8006B



29001A



# Previews

## White Background



This preview shows how the Hex color 0886CF looks on a white background.

## Color Contrast Check

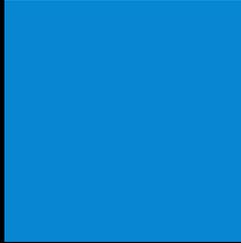
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 0886CF looks on a 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 0886CF Background



This preview shows how black text looks on a background with the Hex color 0886CF.



This preview shows how white text looks on a background with the Hex color 0886CF.

# 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](#).

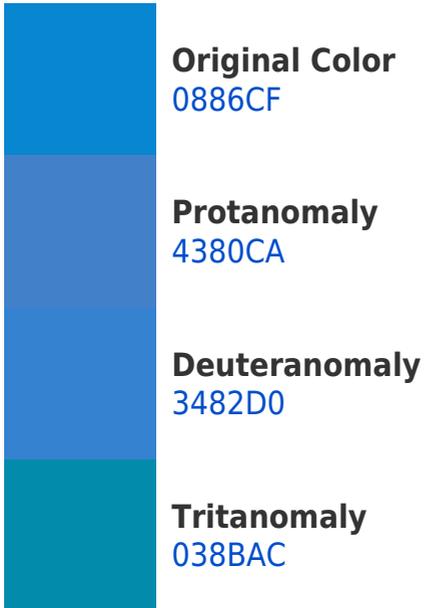
## Dichromacy





**Tritanopia**  
008E98

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0886CF 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 #0886CF looks like.

```
.text, #text, p{  
    color:#0886CF  
}
```

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 #0886CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0886CF
}
```

## Border

The CSS property to change the border of an element to Hex 0886CF is called "border". The border property can be set on classes, ids or directly on the HTML element.

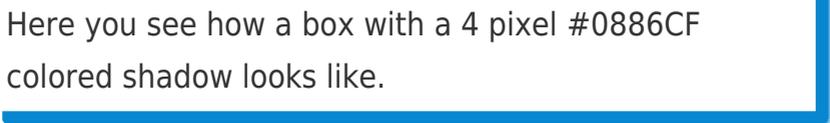
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0886CF }
```

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

```
.border{ border-color:#0886CF }
```

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



Here you see how a box with a 4 pixel #0886CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0886CF; -webkit-box-shadow:4px 4px  
4px 4px #0886CF; box-shadow:4px 4px 4px  
4px #0886CF }
```

# Background

The CSS property to change the background color of an element to Hex 0886CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0886CF }
```

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

```
.background{ background-color:#0886CF }
```

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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