

# Converting Colors

Hex(0086D8)

Have a look what the booklet for  
Hex(0086D8) contains.

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# Color

**Hex(0086D8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0086D8
RGB	0, 134, 216
RGB Percent	0%, 53%, 85%
CMY	1.0000, 0.4745, 0.1529
CMYK	1.00, 0.38, 0.00, 0.15
HSL	203°, 100%, 42%
HSV	203°, 100%, 85%
XYZ	20.9198, 22.0081, 68.1111
YIQ	103.2820, -106.1860, -2.9060

# Conversions

## Conversions Part 2

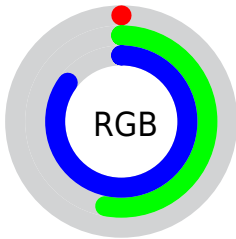
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	0, 83, 216
Decimal	34520
CIE Lab	54.04, 0.01, -50.30
CIE LCh	54, 50.296, 270.010
Yxy	22.0081, 0.1884, 0.1982
Android (android.graphics.Color)	4278224600 (0xFF0086D8)
YUV	103.2820, 55.5700, -90.5783
Hunter-Lab	46.9128, -2.4989, -53.2423

# Details

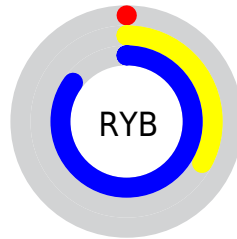
The Hex color **0086D8** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **D85200**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **66BBFF**, and **0055A1** is the 20% darker color. If you saturate the color by 10%, you get **0086D8**, and if you desaturate by 10%, it is **168ED8**.

# Distribution



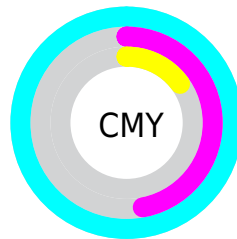
- Red (0%)
- Green (53%)
- Blue (85%)



- Red (0%)
- Yellow (33%)
- Blue (85%)



- Cyan (100%)
- Magenta (38%)
- Yellow (0%)
- Black (15%)



- Cyan (100%)
- Magenta (47%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0086D8 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 0086D8 by changing the saturation by 10% instead.



 0086D8

 0086D8

FFFFFF

 006DBC

 66BBFF

 0055A1

 86D6FF

 003E86

 A6F3FF

 00296C

 C4FFFF

 001553

 E3FFFF

 00063B

 000225

 00010D

 000000

 0086D8

 168ED8

 2B96D8

 419FD8

 56A7D8

 6CAFD8

 82B7D8

 97BFD8

 ADC8D8

 C2D0D8

# Harmonies

## Analogous

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



0091CC



0086D8



8276CD

# Triad

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



0086D8



CE5F58



2E9354

# Complementary

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



0086D8



D85200

# 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.



6D8B31



0086D8



BA6F35

# Square

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



0086D8



CE5983



987F23



009680

# Rectangle

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



0086D8



A869B9



987F23



489147

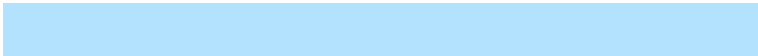


# Sweetspot

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



0086D8



B3E2FF



00D84F



526E80



000000



808080

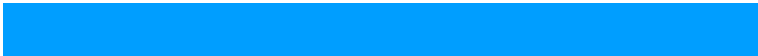


# Same Dimension

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



0086D8



009EFF



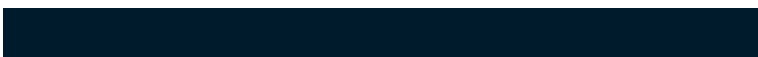
001DD8



60676B



006AAB



001B2B



# Inverse Universe

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



D80086



FF009E



D8BB00



6B6067



AB006A



2B001B



# Previews

## White Background



This preview shows how the Hex color 0086D8 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 0086D8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

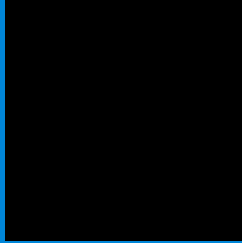
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 0086D8 Background



This preview shows how black text looks on a background with the Hex color 0086D8.

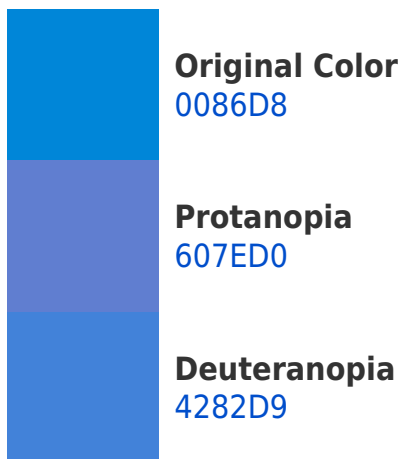


This preview shows how white text looks on a background with the Hex color 0086D8.

# 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](#).

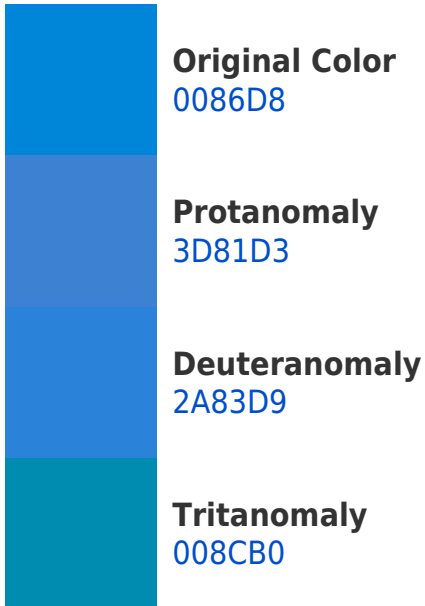
## Dichromacy



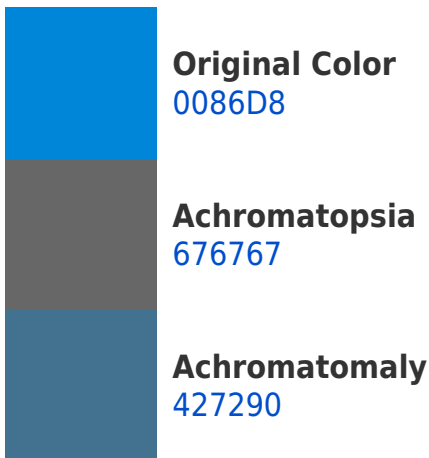


**Tritanopia**  
008F99

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0086D8 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 #0086D8 looks like.

```
.text, #text, p{  
    color:#0086D8  
}
```

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 #0086D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0086D8
}
```

## Border

The CSS property to change the border of an element to Hex 0086D8 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
#0086D8 }
```

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

```
.border{ border-color:#0086D8 }
```

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

Here you see how a box with a 4 pixel #0086D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0086D8; -webkit-box-shadow:4px 4px  
4px 4px #0086D8; box-shadow:4px 4px 4px  
4px #0086D8 }
```

# Background

The CSS property to change the background color of an element to Hex 0086D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0086D8 }
```

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

```
.background{ background-color:#0086D8 }
```

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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