

# Converting Colors

Hex(0086D0)

Have a look what the booklet for  
Hex(0086D0) contains.

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# Color

Hex(0086D0)

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 0086D0                       |
| RGB         | 0, 134, 208                  |
| RGB Percent | 0%, 53%, 82%                 |
| CMY         | 1.0000, 0.4745, 0.1843       |
| CMYK        | 1.00, 0.36, 0.00, 0.18       |
| HSL         | 201°, 100%, 41%              |
| HSV         | 201°, 100%, 82%              |
| XYZ         | 19.9103, 21.6043, 62.7952    |
| YIQ         | 102.3700, -103.6180, -5.3940 |

# Conversions

## Conversions Part 2

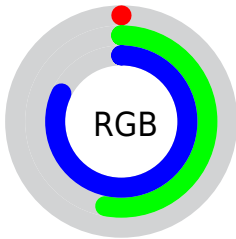
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 0, 81, 208                     |
| Decimal                             | 34512                          |
| CIE Lab                             | 53.60, -3.07, -46.47           |
| CIE LCh                             | 54, 46.570, 266.220            |
| Yxy                                 | 21.6043, 0.1909,<br>0.2071     |
| Android<br>(android.graphics.Color) | 4278224592<br>(0xFF0086D0)     |
| YUV                                 | 102.3700, 52.0756,<br>-89.7785 |
| Hunter-Lab                          | 46.4804, -4.8787,<br>-47.5647  |

# Details

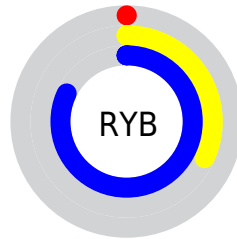
The Hex color **0086D0** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **D04A00**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **64BBFF**, and **005599** is the 20% darker color. If you saturate the color by 10%, you get **0086D0**, and if you desaturate by 10%, it is **158DD0**.

# Distribution



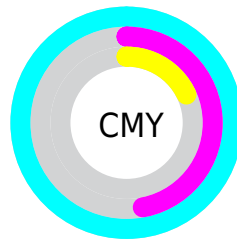
- Red (0%)
- Green (53%)
- Blue (82%)



- Red (0%)
- Yellow (32%)
- Blue (82%)



- Cyan (100%)
- Magenta (36%)
- Yellow (0%)
- Black (18%)



- Cyan (100%)
- Magenta (47%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0086D0 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 0086D0 by changing the saturation by 10% instead.



 0086D0

 0086D0

FFFFFF

 006DB4

 64BBFF

 005599

 84D6FF

 003E7F

 A3F3FF


 002965

 C2FFFF

 00154D

 E0FFFF

 000535

 00021F

 000002

 000000

■ 0086D0

■ 158DD0

■ 2A95D0

■ 3E9CD0

■ 53A4D0

■ 68ABD0

■ 7DB2D0

■ 92BAD0

■ A6C1D0

■ BBC9D0

# Harmonies

## Analogous

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



008FC2



0086D0



7978C8

# Triad

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



0086D0



C9605F



409052

# Complementary

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



0086D0



D04A00

# 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.



748834



0086D0



B96D3E

# Square

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



0086D0



C65D87



9B7C2C



009479

# Rectangle

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



0086D0



9E6DB8



9B7C2C



548E46

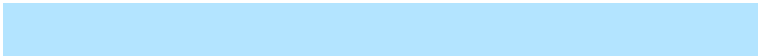


# Sweetspot

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



0086D0



B3E4FF



00D049



526F80



000000



808080

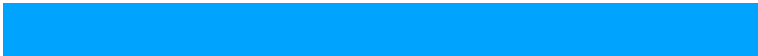


# Same Dimension

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



0086D0



00A4FF



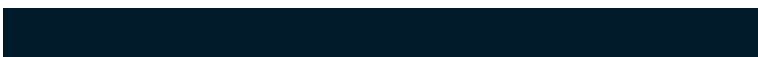
001FD0



5E6569



006CA8



001A29



# Inverse Universe

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



D00086



FF00A4



D0B100



695E65



A8006C



29001A



# Previews

## White Background



This preview shows how the Hex color 0086D0 looks on a white background.

## Color Contrast Check

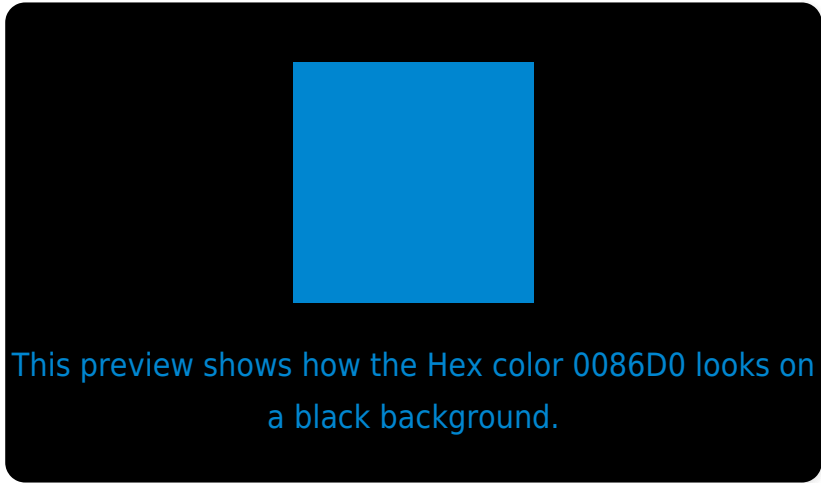
Large Text (above 18pt) WCAG AA ✓ Pass

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

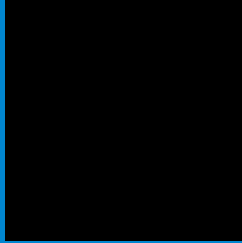
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 0086D0 Background



This preview shows how black text looks on a background with the Hex color 0086D0.



This preview shows how white text looks on a background with the Hex color 0086D0.

# 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](#).

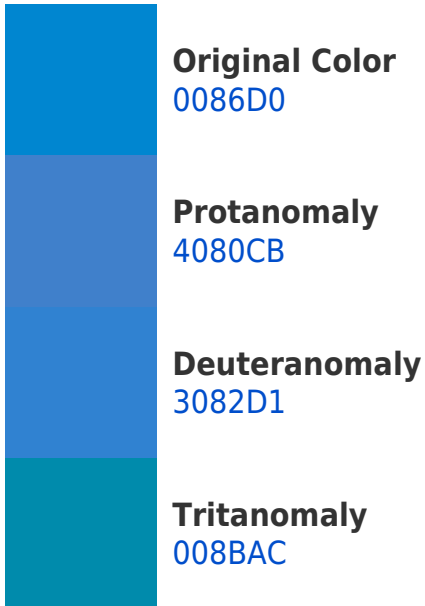
## Dichromacy





**Tritanopia**  
008E98

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0086D0 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 #0086D0 looks like.

```
.text, #text, p{  
    color:#0086D0  
}
```

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 #0086D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0086D0
}
```

## Border

The CSS property to change the border of an element to Hex 0086D0 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
#0086D0 }
```

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

```
.border{ border-color:#0086D0 }
```

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

Here you see how a box with a 4 pixel #0086D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0086D0; -webkit-box-shadow:4px 4px  
4px 4px #0086D0; box-shadow:4px 4px 4px  
4px #0086D0 }
```

# Background

The CSS property to change the background color of an element to Hex 0086D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0086D0 }
```

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

```
.background{ background-color:#0086D0 }
```

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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