

# Converting Colors

Hex(06B6D0)

Have a look what the booklet for  
Hex(06B6D0) contains.

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# **Color**

**Hex(06B6D0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	06B6D0
RGB	6, 182, 208
RGB Percent	2%, 71%, 82%
CMY	0.9765, 0.2863, 0.1843
CMYK	0.97, 0.12, 0.00, 0.18
HSL	188°, 94%, 42%
HSV	188°, 97%, 82%
XYZ	28.1882, 38.0487, 65.5330
YIQ	132.3400, -113.2420, -29.2260

# Conversions

## Conversions Part 2

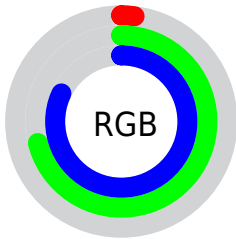
Format	Color
R <sub>YB</sub>	6, 100, 208
Decimal	440016
CIE Lab	68.06, -28.88, -23.94
CIE LCh	68, 37.507, 219.656
Yxy	38.0487, 0.2139, 0.2888
Android (android.graphics.Color)	4278630096 (0xFF06B6D0)
YUV	132.3400, 37.3004, -110.8002
Hunter-Lab	61.6836, -26.3753, -19.8114

# Details

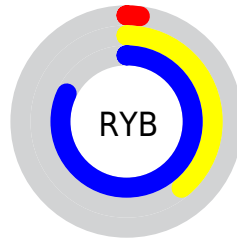
The Hex color **06B6D0** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **D02006**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **69EEFF**, and **00819A** is the 20% darker color. If you saturate the color by 10%, you get **00B5D0**, and if you desaturate by 10%, it is **1BB9D0**.

# Distribution



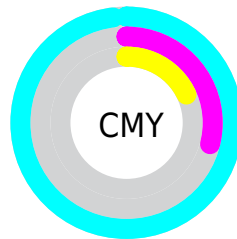
- Red (2%)
- Green (71%)
- Blue (82%)



- Red (2%)
- Yellow (39%)
- Blue (82%)



- Cyan (97%)
- Magenta (12%)
- Yellow (0%)
- Black (18%)



- Cyan (98%)
- Magenta (29%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 06B6D0 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 06B6D0 by changing the saturation by 10% instead.



 06B6D0

 06B6D0

FFFFFF

 009BB4

 69EEFF

 00819A

 89FFFF

 006780

 A9FFFF

 004F66

 C8FFFF

 00374E

 E7FFFF

 002337

 000222

 000008

 000000

■ 06B6D0

■ 06B6D0

■ 00B5D0

■ 1BB9D0

■ 30BBD0

■ 44BED0

■ 59C1D0

■ 6EC3D0

■ 83C6D0

■ 98C9D0

■ ACCBD0

■ C1CED0

# Harmonies

## Analogous

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



2FB8B0



06B6D0



4AB0E5

# Triad

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



06B6D0



D98FBE



B1A762

# Complementary

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



06B6D0



D02006

# 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.



D09C67



06B6D0



E78B9C

# Square

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



06B6D0



B899DA



E3917C



8CB171

# Rectangle

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



06B6D0



73A9E9



E3917C



BCA462



# Sweetspot

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



06B6D0



B5F5FF



06D01E



537A80



000000



808080

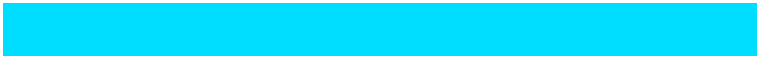


# Same Dimension

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



06B6D0



00DEFF



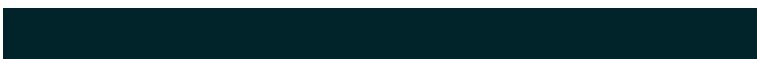
0653D0



5E6769



0093A8



002429



# Inverse Universe

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



D006B6



FF00DE



D08306



695E67



A80093

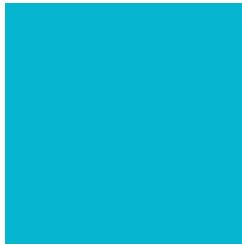


290024



# Previews

## White Background



This preview shows how the Hex color 06B6D0 looks on a white background.

## Color Contrast Check

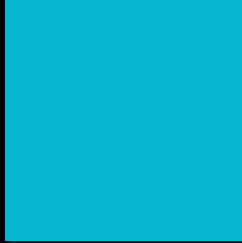
Large Text (above 18pt) WCAG AA × Fail

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 06B6D0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

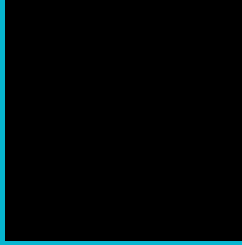
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 06B6D0 Background



This preview shows how black text looks on a background with the Hex color 06B6D0.

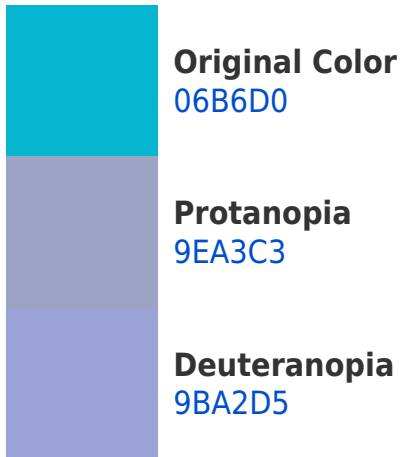


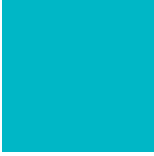
This preview shows how white text looks on a background with the Hex color 06B6D0.

# 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](#).

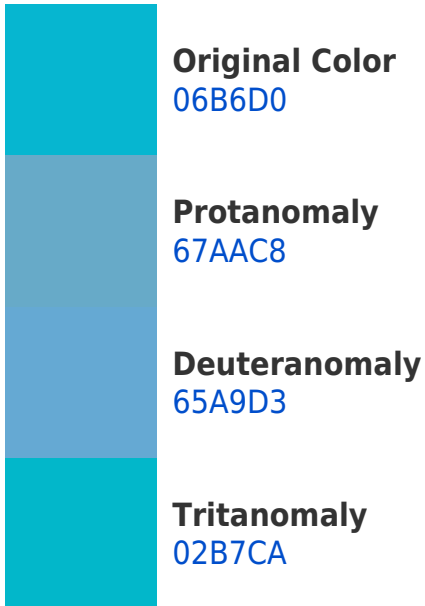
## Dichromacy



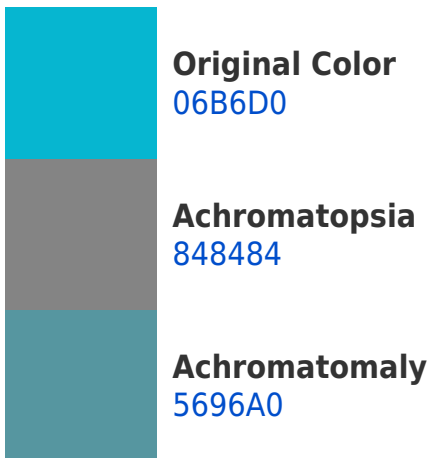


**Tritanopia**  
00B7C6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 06B6D0 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 #06B6D0 looks like.

```
.text, #text, p{  
    color:#06B6D0  
}
```

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 #06B6D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #06B6D0
}
```

## Border

The CSS property to change the border of an element to Hex 06B6D0 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
#06B6D0 }
```

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

```
.border{ border-color:#06B6D0 }
```

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

Here you see how a box with a 4 pixel #06B6D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #06B6D0; -webkit-box-shadow:4px 4px  
4px 4px #06B6D0; box-shadow:4px 4px 4px  
4px #06B6D0 }
```

# Background

The CSS property to change the background color of an element to Hex 06B6D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#06B6D0 }
```

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

```
.background{ background-color:#06B6D0 }
```

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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