

# Converting Colors

Hex(06A8C6)

Have a look what the booklet for  
Hex(06A8C6) contains.

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# Color

Hex(06A8C6)

# Conversions

## Conversions Part 1

Format	Color
Hex	06A8C6
RGB	6, 168, 198
RGB Percent	2%, 66%, 78%
CMY	0.9765, 0.3412, 0.2235
CMYK	0.97, 0.15, 0.00, 0.22
HSL	189°, 94%, 40%
HSV	189°, 97%, 78%
XYZ	24.2708, 32.1212, 58.3469
YIQ	122.9820, -106.1820, -25.0140

# Conversions

## Conversions Part 2

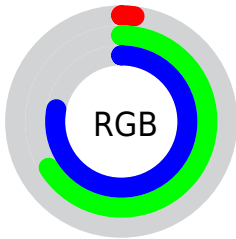
<b>Format</b>	<b>Color</b>
<b>RYB</b>	6, 94, 198
Decimal	436422
CIELab	63.44, -25.21, -25.48
CIELCh	63, 35.844, 225.300
Yxy	32.1212, 0.2115, 0.2800
Android (android.graphics.Color)	4278626502 (0xFF06A8C6)
YUV	122.9820, 36.9839, -102.5932
Hunter-Lab	56.6756, -22.7413, -21.3655

# Details

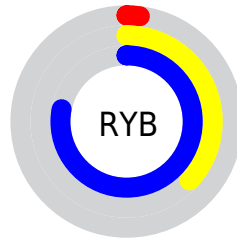
The Hex color **06A8C6** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **C62406**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **65DFFF**, and **007490** is the 20% darker color. If you saturate the color by 10%, you get **00A7C6**, and if you desaturate by 10%, it is **1AABC6**.

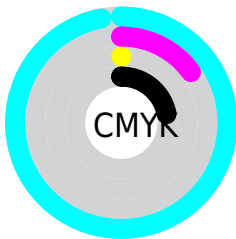
# Distribution



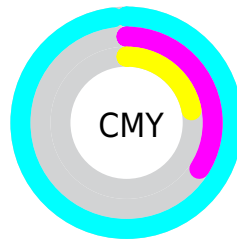
- Red (2%)
- Green (66%)
- Blue (78%)



- Red (2%)
- Yellow (37%)
- Blue (78%)



- Cyan (97%)
- Magenta (15%)
- Yellow (0%)
- Black (22%)



- Cyan (98%)
- Magenta (34%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 06A8C6 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 06A8C6 by changing the saturation by 10% instead.



 06A8C6

 06A8C6

FFFFFF

 008DAB

 65DFFF

 007490

 85FCFF

 005B76

 A4FFFF

 00435E

 C3FFFF

 002C46

 E2FFFF

 00172F

 00011A

 000000

 06A8C6

 06A8C6

■ 00A7C6

■ 1AABC6

■ 2EAEC6

■ 41B1C6

■ 55B4C6

■ 69B7C6

■ 7DBBC6

■ 91BEC6

■ A4C1C6

■ B8C4C6

# Harmonies

## Analogous

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



1DABA9



06A8C6



4EA1D7

# Triad

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



06A8C6



CE82AB



9E9D5B

# Complementary

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



06A8C6



C62406

# 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.



BC925C



06A8C6



D8818A

# Square

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



06A8C6



B28BC7



D1886E



7AA56C

# Rectangle

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



06A8C6



749BD9



D1886E



A99A59

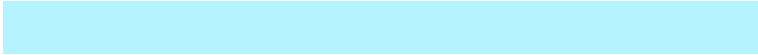


# Sweetspot

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



06A8C6



B5F3FF



06C623



537980



000000



808080

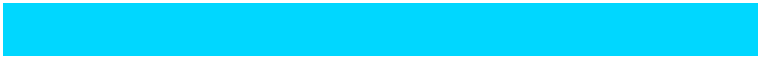


# Same Dimension

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



06A8C6



00D7FF



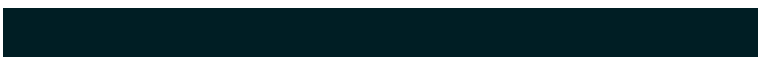
0649C6



5A6263



008AA3



001E24



# Inverse Universe

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



C606A8



FF00D7



C68306



635A62



A3008A



24001E



# Previews

## White Background



This preview shows how the Hex color 06A8C6 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 06A8C6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

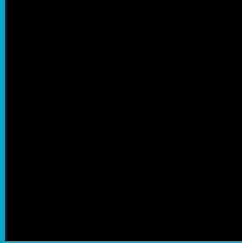
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 06A8C6 Background



This preview shows how black text looks on a background with the Hex color 06A8C6.

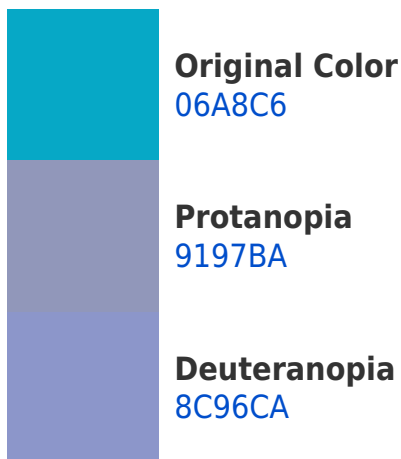


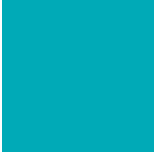
This preview shows how white text looks on a background with the Hex color 06A8C6.

# 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](#).

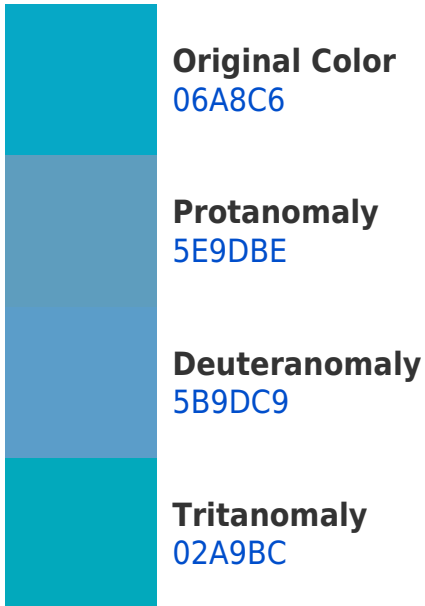
## Dichromacy



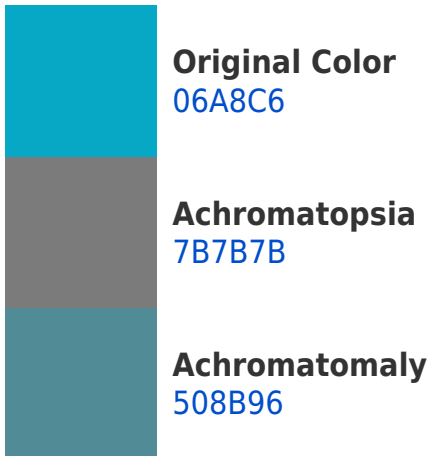


**Tritanopia**  
00AAB7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 06A8C6 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 #06A8C6 looks like.

```
.text, #text, p{  
    color:#06A8C6  
}
```

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 #06A8C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #06A8C6
}
```

## Border

The CSS property to change the border of an element to Hex 06A8C6 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
#06A8C6 }
```

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

```
.border{ border-color:#06A8C6 }
```

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

Here you see how a box with a 4 pixel #06A8C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #06A8C6; -webkit-box-shadow:4px 4px  
4px 4px #06A8C6; box-shadow:4px 4px 4px  
4px #06A8C6 }
```

# Background

The CSS property to change the background color of an element to Hex 06A8C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#06A8C6 }
```

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

```
.background{ background-color:#06A8C6 }
```

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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