

# Converting Colors

Hex(0096BB)

Have a look what the booklet for  
Hex(0096BB) contains.

<b>Hex(0096BB)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(0096BB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0096BB
RGB	0, 150, 187
RGB Percent	0%, 59%, 73%
CMY	1.0000, 0.4118, 0.2667
CMYK	1.00, 0.20, 0.00, 0.27
HSL	192°, 100%, 37%
HSV	192°, 100%, 73%
XYZ	19.8760, 25.4005, 50.8689
YIQ	109.3680, -101.2770, -20.2930

# Conversions

## Conversions Part 2

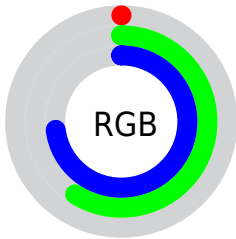
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 83, 187
Decimal	38587
CIELab	57.46, -19.87, -28.53
CIELCh	57, 34.768, 235.136
Yxy	25.4005, 0.2067, 0.2642
Android (android.graphics.Color)	4278228667 (0xFF0096BB)
YUV	109.3680, 38.2726, -95.9157
Hunter-Lab	50.3990, -17.8026, -24.5636

# Details

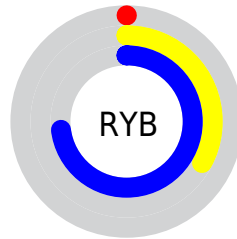
The Hex color **0096BB** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **BB2500**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **60CCF3**, and **006386** is the 20% darker color. If you saturate the color by 10%, you get **0096BB**, and if you desaturate by 10%, it is **139ABB**.

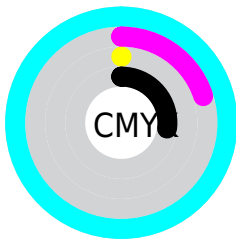
# Distribution



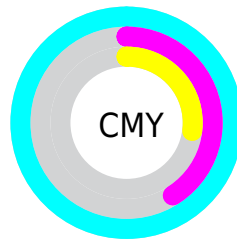
- Red (0%)
- Green (59%)
- Blue (73%)



- Red (0%)
- Yellow (33%)
- Blue (73%)



- Cyan (100%)
- Magenta (20%)
- Yellow (0%)
- Black (27%)



- Cyan (100%)
- Magenta (41%)
- Yellow (27%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 0096BB 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 0096BB by changing the saturation by 10% instead.



 0096BB

 0096BB

FFFFFF

 007CA0

 60CCF3

 006386

 80E9FF

 004B6C

 9EFFFF

 003454

 BCFFFF

 00203C

 DBFFFF

 000327

 F9FFFF

 000110

 000000

 0096BB

 139ABB

 259DBB

 38A1BB

 4BA5BB

 5EA9BB

 70ACBB

 83B0BB

 96B4BB

 A8B7BB

# Harmonies

## Analogous

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



009AA3



0096BB



538FC6

# Triad

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



0096BB



C07290



849052

# Complementary

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



0096BB



BB2500

# 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.



A2874D



0096BB



C47472

# Square

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



0096BB



AB79AD



B97C59



609666

# Rectangle

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



0096BB



7688C4



B97C59



8E8D4E



# Sweetspot

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



0096BB



AAE4F2



00BB22



4E727A



FAFAFA



7A7A7A



# Same Dimension

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



0096BB



00C2F2



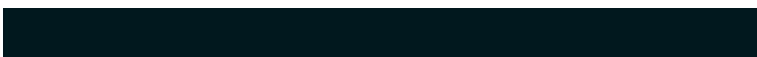
003BBB



555C5E



007F9E



00191F



# Inverse Universe

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



BB0096



F200C2



BB8000



5E555C



9E007F



1F0019



# Previews

## White Background



This preview shows how the Hex color 0096BB looks on a white background.

## Color Contrast Check

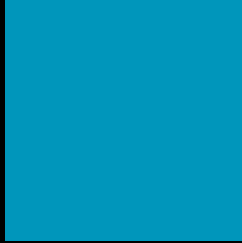
Large Text (above 18pt) WCAG AA ✓ Pass

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 0096BB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

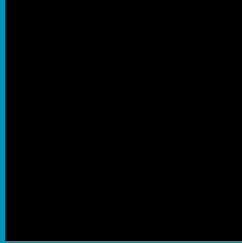
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 0096BB Background



This preview shows how black text looks on a background with the Hex color 0096BB.

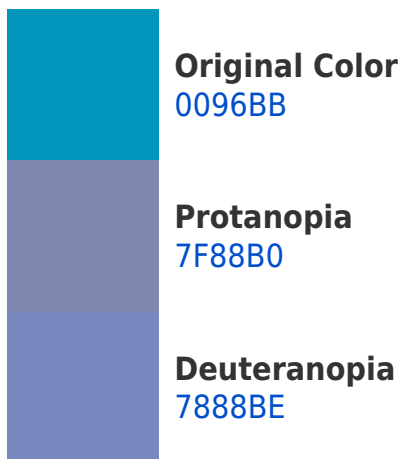


This preview shows how white text looks on a background with the Hex color 0096BB.

# 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](#).

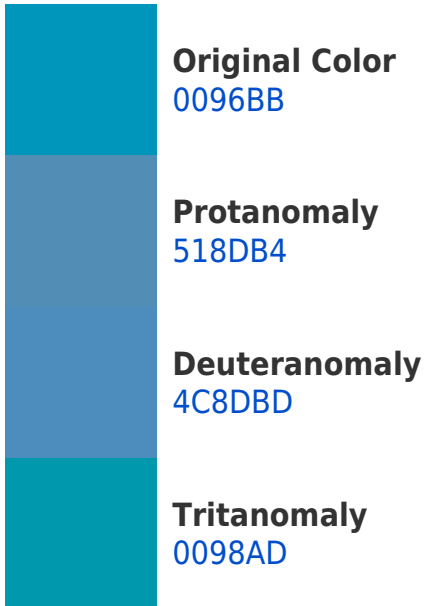
## Dichromacy



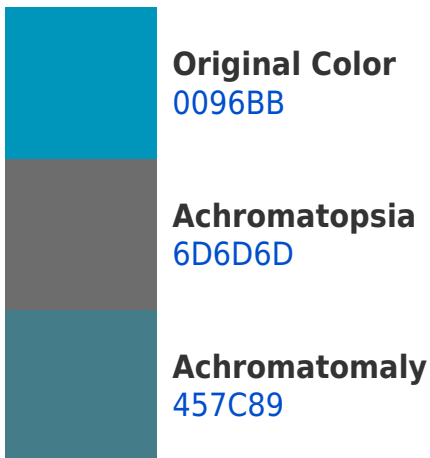


**Tritanopia**  
0099A5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0096BB 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 #0096BB looks like.

```
.text, #text, p{  
    color:#0096BB  
}
```

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 #0096BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0096BB
}
```

## Border

The CSS property to change the border of an element to Hex 0096BB 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
#0096BB }
```

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

```
.border{ border-color:#0096BB }
```

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

Here you see how a box with a 4 pixel #0096BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0096BB; -webkit-box-shadow:4px 4px  
4px 4px #0096BB; box-shadow:4px 4px 4px  
4px #0096BB }
```

# Background

The CSS property to change the background color of an element to Hex 0096BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0096BB }
```

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

```
.background{ background-color:#0096BB }
```

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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