

# Converting Colors

Hex(0698BB)

Have a look what the booklet for  
Hex(0698BB) contains.

<b>Hex(0698BB)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(0698BB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0698BB
RGB	6, 152, 187
RGB Percent	2%, 60%, 73%
CMY	0.9765, 0.4039, 0.2667
CMYK	0.97, 0.19, 0.00, 0.27
HSL	192°, 94%, 38%
HSV	192°, 97%, 73%
XYZ	20.2730, 26.0830, 50.9797
YIQ	112.3360, -98.2510, -20.0670

# Conversions

## Conversions Part 2

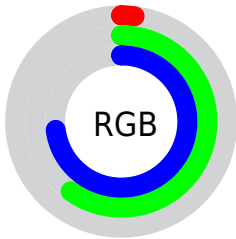
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	6, 87, 187
Decimal	432315
CIE Lab	58.12, -20.72, -27.52
CIE LCh	58, 34.446, 233.016
Yxy	26.0830, 0.2083, 0.2680
Android (android.graphics.Color)	4278622395 (0xFF0698BB)
YUV	112.3360, 36.8094, -93.2567
Hunter-Lab	51.0716, -18.5192, -23.4333

# Details

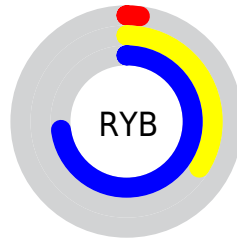
The Hex color **0698BB** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **BB2906**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **61CEF3**, and **006586** is the 20% darker color. If you saturate the color by 10%, you get **0097BB**, and if you desaturate by 10%, it is **199CBB**.

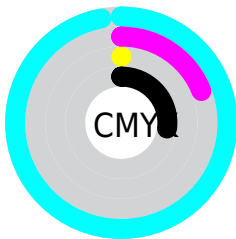
# Distribution



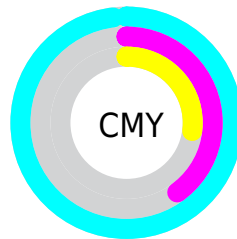
- Red (2%)
- Green (60%)
- Blue (73%)



- Red (2%)
- Yellow (34%)
- Blue (73%)



- Cyan (97%)
- Magenta (19%)
- Yellow (0%)
- Black (27%)



- Cyan (98%)
- Magenta (40%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0698BB 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 0698BB by changing the saturation by 10% instead.



 0698BB

 0698BB

FFFFFF

 007EAO

 61CEF3

 006586

 81EBFF

 004D6C

 9FFFFFF

 003654

 BEFFFF

 00213C

 DCFFFF

 000327

 FBFFFF

 000110

 000000

 0698BB

 0698BB

0097BB

199CBB

2B9FBB

3EA3BB

51A6BB

63AABB

76AEBB

89B1BB

9CB5BB

AEB9BB

# Harmonies

## Analogous

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



009BA2



0698BB



5191C7

# Triad

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



0698BB



C17594



889153

# Complementary

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



0698BB



BB2906

# 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.



A6874F



0698BB



C67576

# Square

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



0698BB



AB7CB0



BC7D5D



659866

# Rectangle

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



0698BB



758AC6



BC7D5D



928E50



# Sweetspot

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



0698BB



ACE5F2



06BB27



50727A



FAFAFA



7A7A7A



# Same Dimension

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



0698BB



00C3F2



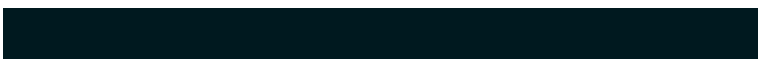
063FBB



555D5E



00809E



00191F



# Inverse Universe

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



BB0698



F200C3



BB8206



5E555D



9E0080



1F0019



# Previews

## White Background



This preview shows how the Hex color 0698BB looks on a white background.

## Color Contrast Check

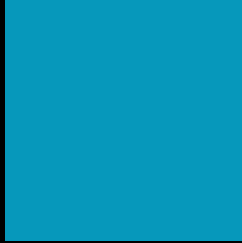
Large Text (above 18pt) WCAG AA ✓ Pass

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 0698BB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

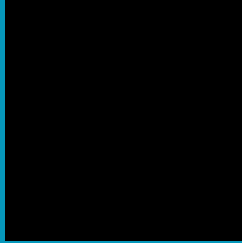
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 0698BB Background



This preview shows how black text looks on a background with the Hex color 0698BB.

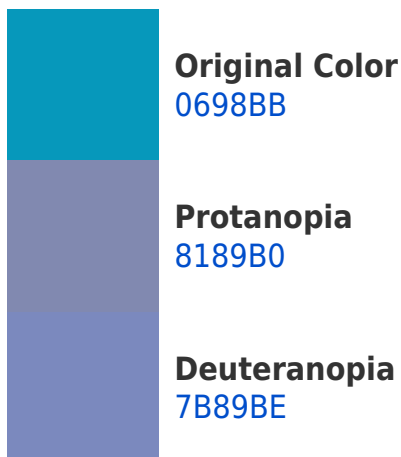


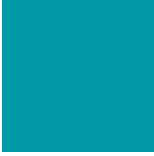
This preview shows how white text looks on a background with the Hex color 0698BB.

# 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**  
009AA7

# Trichromacy



**Original Color**  
0698BB



**Protanomaly**  
548EB4



**Deuteranomaly**  
508EBD



**Tritanomaly**  
0299AE

# Monochromacy



**Original Color**  
0698BB



**Achromatopsia**  
707070



**Achromatomaly**  
497F8B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0698BB 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 #0698BB looks like.

```
.text, #text, p{  
    color:#0698BB  
}
```

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 #0698BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0698BB
}
```

## Border

The CSS property to change the border of an element to Hex 0698BB 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
#0698BB }
```

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

```
.border{ border-color:#0698BB }
```

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

Here you see how a box with a 4 pixel #0698BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0698BB; -webkit-box-shadow:4px 4px  
4px 4px #0698BB; box-shadow:4px 4px 4px  
4px #0698BB }
```

# Background

The CSS property to change the background color of an element to Hex 0698BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0698BB }
```

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

```
.background{ background-color:#0698BB }
```

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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