

# Converting Colors

Hex(1096B8)

Have a look what the booklet for  
Hex(1096B8) contains.

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# Color

**Hex(1096B8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1096B8
RGB	16, 150, 184
RGB Percent	6%, 59%, 72%
CMY	0.9373, 0.4118, 0.2784
CMYK	0.91, 0.18, 0.00, 0.28
HSL	192°, 84%, 39%
HSV	192°, 91%, 72%
XYZ	19.7718, 25.3835, 49.2048
YIQ	113.8100, -90.7780, -17.8340

# Conversions

## Conversions Part 2

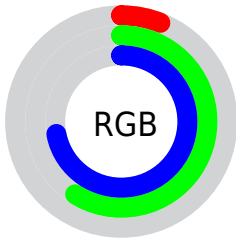
<b>Format</b>	<b>Color</b>
<b>RYB</b>	16, 91, 184
Decimal	1087160
CIELab	57.45, -20.32, -26.84
CIELCh	57, 33.670, 232.872
Yxy	25.3835, 0.2095, 0.2690
Android (android.graphics.Color)	4279277240 (0xFF1096B8)
YUV	113.8100, 34.6037, -85.7794
Hunter-Lab	50.3821, -18.1188, -22.6371

# Details

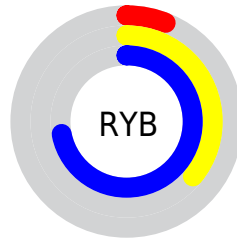
The Hex color **1096B8** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **B83210**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **63CCF0**, and **006383** is the 20% darker color. If you saturate the color by 10%, you get **0093B8**, and if you desaturate by 10%, it is **229AB8**.

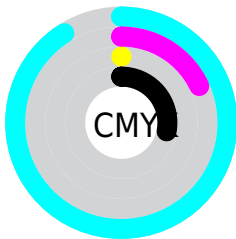
# Distribution



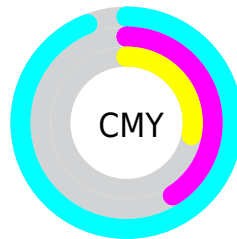
- Red (6%)
- Green (59%)
- Blue (72%)



- Red (6%)
- Yellow (36%)
- Blue (72%)



- Cyan (91%)
- Magenta (18%)
- Yellow (0%)
- Black (28%)



- Cyan (94%)
- Magenta (41%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1096B8 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 1096B8 by changing the saturation by 10% instead.




 1096B8

 1096B8

FFFFFF

 007C9D

 63CCF0

 006383

 82E9FF

 004B6A


 A0FFFF

 003451

 BEFFFF

 00203A

 DCFFFF

 000224

 FBFFFF

 00000C

 000000

 1096B8

 1096B8

■ 0093B8

■ 229AB8

■ 359DB8

■ 47A1B8

■ 5AA5B8

■ 6CA9B8

■ 7EACB8

■ 91B0B8

■ A3B4B8

■ B6B8B8

# Harmonies

## Analogous

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



0099A0



1096B8



518FC4

# Triad

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



1096B8



BE7392



868F53

# Complementary

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



1096B8



B83210

# 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.



A3864F



1096B8



C37475

# Square

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



1096B8



A87AAE



B97C5C



649665

# Rectangle

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



1096B8



7489C3



B97C5C



918C50



# Sweetspot

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



1096B8



AFE3F0



10B832



517078



F7F7F7



787878



# Same Dimension

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



1096B8



00BFF0



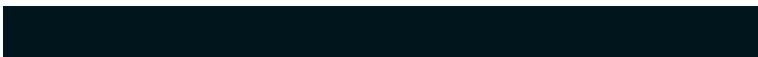
1042B8



535A5C



007C9C



00161C



# Inverse Universe

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



B81096



F000BF



B88610



5C535A



9C007C



1C0016



# Previews

## White Background



This preview shows how the Hex color 1096B8 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 1096B8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

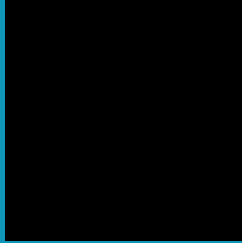
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 1096B8 Background



This preview shows how black text looks on a background with the Hex color 1096B8.

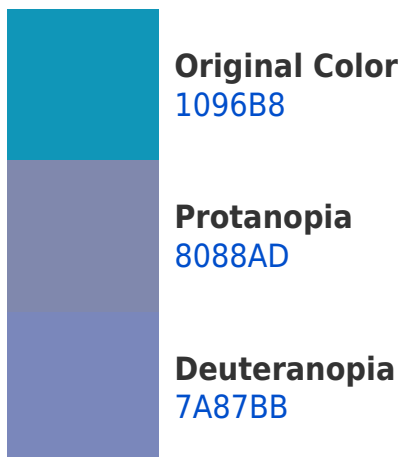


This preview shows how white text looks on a background with the Hex color 1096B8.

# 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](#).

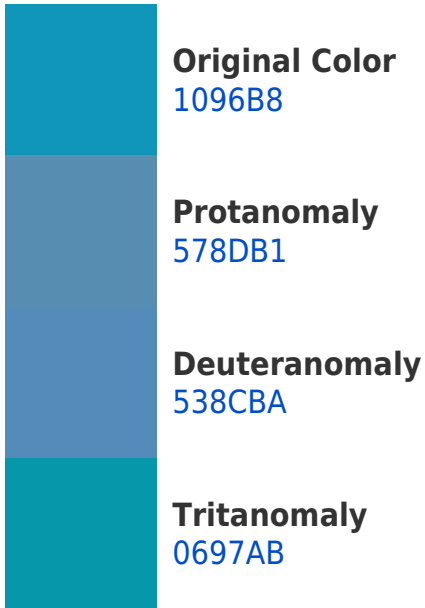
## Dichromacy





**Tritanopia**  
0098A4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1096B8 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 #1096B8 looks like.

```
.text, #text, p{  
    color:#1096B8  
}
```

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 #1096B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1096B8
}
```

## Border

The CSS property to change the border of an element to Hex 1096B8 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
#1096B8 }
```

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

```
.border{ border-color:#1096B8 }
```

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

Here you see how a box with a 4 pixel #1096B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1096B8; -webkit-box-shadow:4px 4px  
4px 4px #1096B8; box-shadow:4px 4px 4px  
4px #1096B8 }
```

# Background

The CSS property to change the background color of an element to Hex 1096B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1096B8 }
```

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

```
.background{ background-color:#1096B8 }
```

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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