

# Converting Colors

Hex(1095BC)

Have a look what the booklet for  
Hex(1095BC) contains.

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# Color

**Hex(1095BC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1095BC
RGB	16, 149, 188
RGB Percent	6%, 58%, 74%
CMY	0.9373, 0.4157, 0.2627
CMYK	0.91, 0.21, 0.00, 0.26
HSL	194°, 84%, 40%
HSV	194°, 91%, 74%
XYZ	20.0382, 25.2359, 51.3918
YIQ	113.6790, -91.7870, -16.0670

# Conversions

## Conversions Part 2

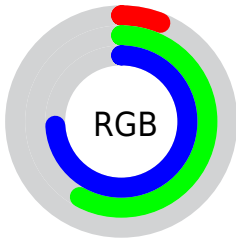
Format	Color
<b>RYB</b>	16, 91, 188
Decimal	1086908
CIELab	57.30, -18.38, -29.33
CIELCh	57, 34.616, 237.923
Yxy	25.2359, 0.2073, 0.2611
Android (android.graphics.Color)	4279276988 (0xFF1095BC)
YUV	113.6790, 36.6403, -85.6645
Hunter-Lab	50.2353, -16.7105, -25.4902

# Details

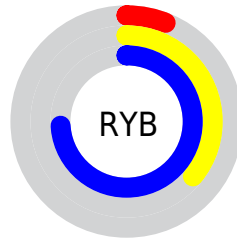
The Hex color **1095BC** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **BC3710**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **63CBF4**, and **006287** is the 20% darker color. If you saturate the color by 10%, you get **0091BC**, and if you desaturate by 10%, it is **2399BC**.

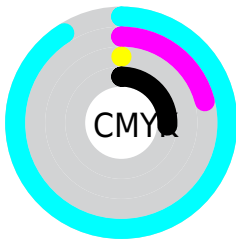
# Distribution



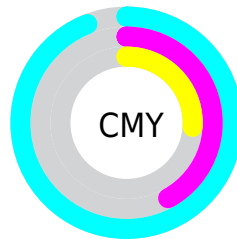
- Red (6%)
- Green (58%)
- Blue (74%)



- Red (6%)
- Yellow (36%)
- Blue (74%)



- Cyan (91%)
- Magenta (21%)
- Yellow (0%)
- Black (26%)



- Cyan (94%)
- Magenta (42%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1095BC 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 1095BC by changing the saturation by 10% instead.




 1095BC

 1095BC

FFFFFF

 007BA1

 63CBF4

 006287

 83E7FF

 004A6D


 A1FFFF

 003355

 BFFFFFF

 001F3D

 DDDFFF

 000327

 FFFFFFF

 000111

 000000

 1095BC

 1095BC

■ 0091BC

■ 2399BC

■ 369EBC

■ 48A2BC

■ 5BA6BC

■ 6EAABC

■ 81AFBC

■ 94B3BC

■ A6B7BC

■ B9BBBC

# Harmonies

## Analogous

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



0099A5



1095BC



588DC6

# Triad

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



1095BC



C1728D



809053

# Complementary

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



1095BC



BC3710

# 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.



9F874D



1095BC



C3746F

# Square

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



1095BC



AE78AA



B77C57



5C9668

# Rectangle

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



1095BC



7A86C3



B77C57



8B8D4F



# Sweetspot

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



1095BC



B3E6F5



10BC35



53727A



FAFAFA



7A7A7A



# Same Dimension

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



1095BC



00BDF5



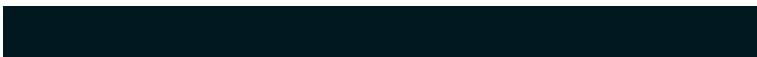
1041BC



555C5E



007A9E



00181F



# Inverse Universe

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



BC1095



F500BD



BC8B10



5E555C



9E007A



1F0018



# Previews

## White Background



This preview shows how the Hex color 1095BC looks on a white background.

## Color Contrast Check

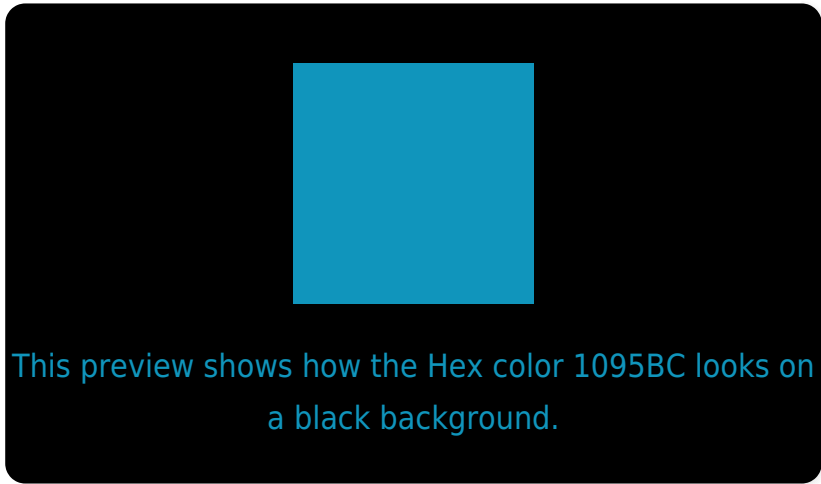
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

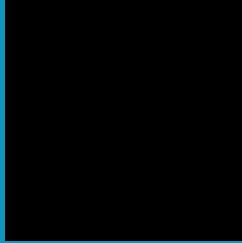
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 1095BC Background



This preview shows how black text looks on a background with the Hex color 1095BC.

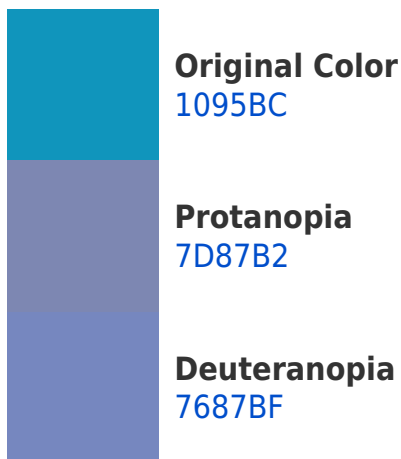


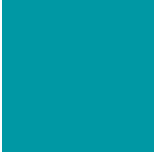
This preview shows how white text looks on a background with the Hex color 1095BC.

# 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](#).

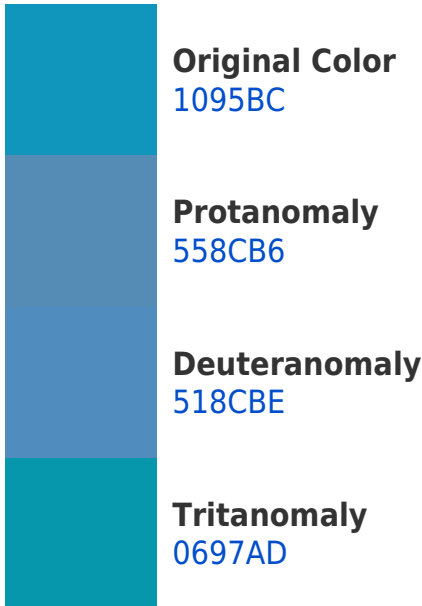
## Dichromacy



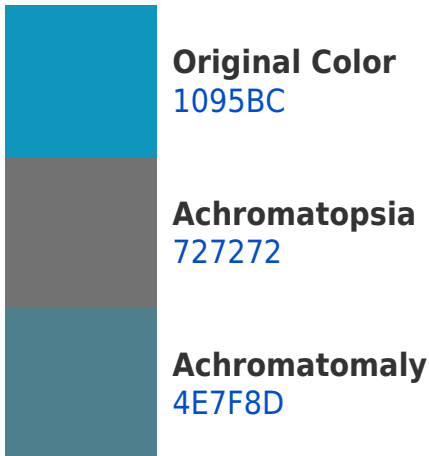


**Tritanopia**  
0098A4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1095BC 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 #1095BC looks like.

```
.text, #text, p{  
    color:#1095BC  
}
```

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 #1095BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1095BC
}
```

## Border

The CSS property to change the border of an element to Hex 1095BC 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
#1095BC }
```

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

```
.border{ border-color:#1095BC }
```

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

Here you see how a box with a 4 pixel #1095BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1095BC; -webkit-box-shadow:4px 4px  
4px 4px #1095BC; box-shadow:4px 4px 4px  
4px #1095BC }
```

# Background

The CSS property to change the background color of an element to Hex 1095BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1095BC }
```

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

```
.background{ background-color:#1095BC }
```

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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