

Converting Colors

Hex(097CBB)

Have a look what the booklet for
Hex(097CBB) contains.

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Color

Hex(097CBB)

Conversions

Conversions Part 1

Format	Color
Hex	097CBB
RGB	9, 124, 187
RGB Percent	4%, 49%, 73%
CMY	0.9647, 0.5137, 0.2667
CMYK	0.95, 0.34, 0.00, 0.27
HSL	201°, 91%, 38%
HSV	201°, 95%, 73%
XYZ	16.2899, 18.0612, 49.6413
YIQ	96.7970, -88.7630, -4.7870

Conversions

Conversions Part 2

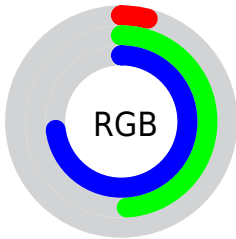
Format	Color
RYB	9, 79, 187
Decimal	621755
CIELab	49.57, -4.90, -40.88
CIELCh	50, 41.170, 263.171
Yxy	18.0612, 0.1939, 0.2150
Android (android.graphics.Color)	4278811835 (0xFF097CBB)
YUV	96.7970, 44.4701, -76.9980
Hunter-Lab	42.4985, -5.9522, -39.5060

Details

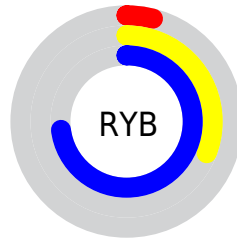
The Hex color **097CBB** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **BB4809**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **60B0F4**, and **004C85** is the 20% darker color. If you saturate the color by 10%, you get **0079BB**, and if you desaturate by 10%, it is **1C83BB**.

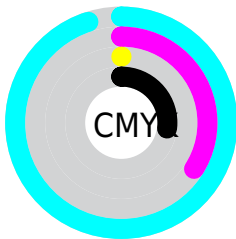
Distribution



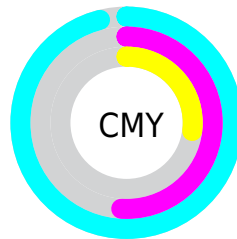
- Red (4%)
- Green (49%)
- Blue (73%)



- Red (4%)
- Yellow (31%)
- Blue (73%)



- Cyan (95%)
- Magenta (34%)
- Yellow (0%)
- Black (27%)



- Cyan (96%)
- Magenta (51%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 097CBB 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 097CBB by changing the saturation by 10% instead.

 097CBB

 097CBB

FFFFFF

 0063A0

 60B0F4

 004C85

 7FC0FF

 00356C

 9DE8FF

 002153

 BBFFFF

 00063C

 D9FFFF

 000225

 F8FFFF

 00010D

 000000

 097CBB

 097CBB

0079BB

1C83BB

2E89BB

4190BB

5496BB

669DBB

79A4BB

8CAABB

9FB1BB

B1B8BB

Harmonies

Analogous

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



0084AD



097CBB



6B70B6

Triad

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



097CBB



B75A5C



45834A

Complementary

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



097CBB



BB4809

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.



6F7C32



097CBB



AA643F

Square

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



097CBB



B2587F



91712E



00876C

Rectangle

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



097CBB



8C66A9



91712E



548141

Sweetspot

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



097CBB



ACD9F2



09BB47



506B7A



FAFAFA



7A7A7A

Same Dimension

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



097CBB



009DF2



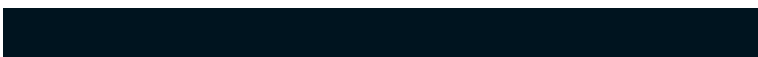
0924BB



555B5E



00669E



00141F

Inverse Universe

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



BB097C



F2009D



BBA009



5E555B



9E0066



1F0014

Previews

White Background



This preview shows how the Hex color 097CBB looks on a white background.

Color Contrast Check

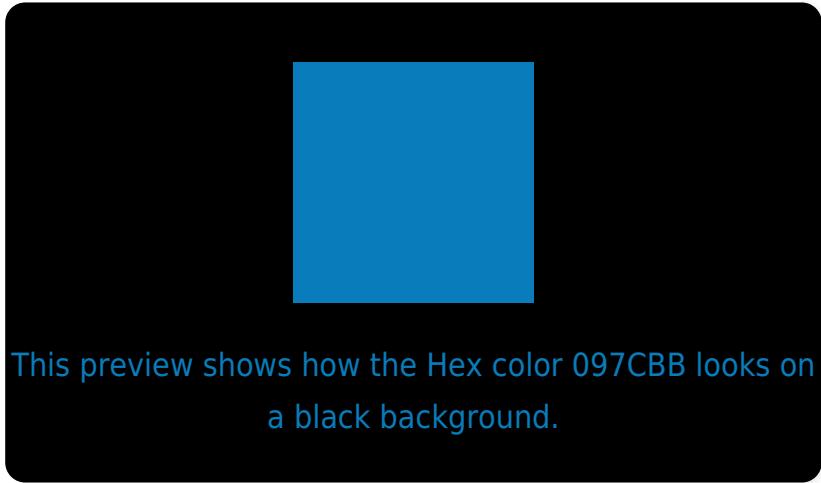
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

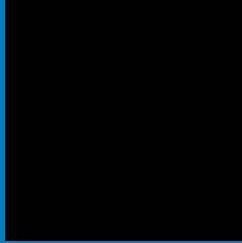
Any Text WCAG AA ✓ Pass

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 097CBB Background



This preview shows how black text looks on a background with the Hex color 097CBB.

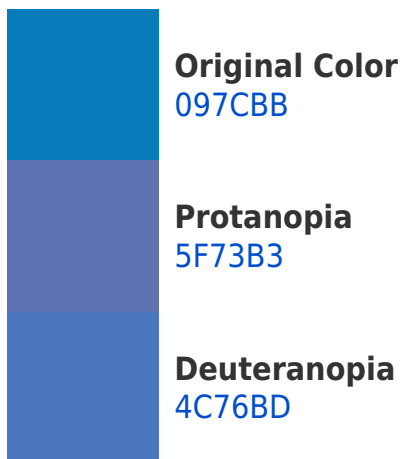


This preview shows how white text looks on a background with the Hex color 097CBB.

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](#).

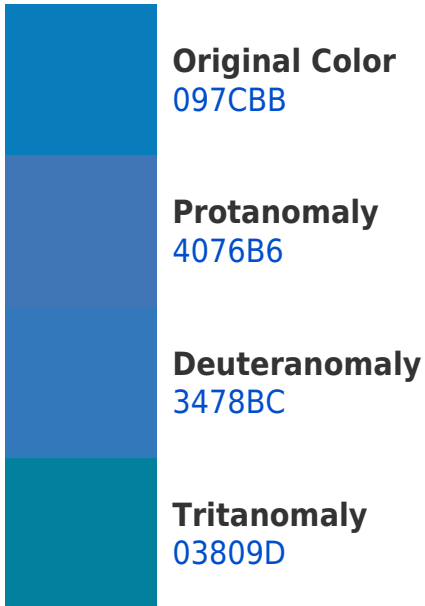
Dichromacy



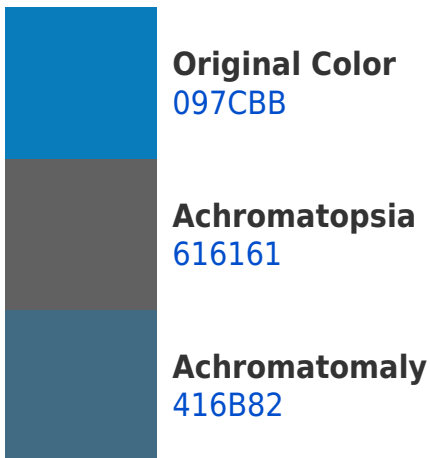


Tritanopia
00828C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 097CBB 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 #097CBB looks like.

```
.text, #text, p{  
    color:#097CBB  
}
```

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 #097CBB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #097CBB
}
```

Border

The CSS property to change the border of an element to Hex 097CBB 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
#097CBB }
```

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

```
.border{ border-color:#097CBB }
```

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

Here you see how a box with a 4 pixel #097CBB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #097CBB; -webkit-box-shadow:4px 4px  
4px 4px #097CBB; box-shadow:4px 4px 4px  
4px #097CBB }
```

Background

The CSS property to change the background color of an element to Hex 097CBB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#097CBB }
```

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

```
.background{ background-color:#097CBB }
```

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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