

Converting Colors

Hex(0096C7)

Have a look what the booklet for
Hex(0096C7) contains.

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Color

Hex(0096C7)

Conversions

Conversions Part 1

Format	Color
Hex	0096C7
RGB	0, 150, 199
RGB Percent	0%, 59%, 78%
CMY	1.0000, 0.4118, 0.2196
CMYK	1.00, 0.25, 0.00, 0.22
HSL	195°, 100%, 39%
HSV	195°, 100%, 78%
XYZ	21.2151, 25.9362, 57.9209
YIQ	110.7360, -105.1290, -16.5610

Conversions

Conversions Part 2

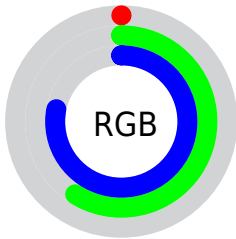
Format	Color
R _{YB}	0, 86, 199
Decimal	38599
CIE _{Lab}	57.98, -15.56, -34.51
CIE _{LCh}	58, 37.854, 245.723
Yxy	25.9362, 0.2019, 0.2468
Android (android.graphics.Color)	4278228679 (0xFF0096C7)
YUV	110.7360, 43.5142, -97.1155
Hunter-Lab	50.9276, -14.7647, -31.7822

Details

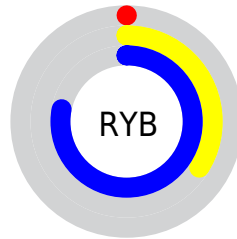
The Hex color **0096C7** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **C73100**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **63CCFF**, and **006391** is the 20% darker color. If you saturate the color by 10%, you get **0096C7**, and if you desaturate by 10%, it is **149BC7**.

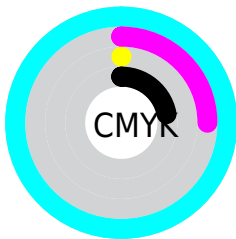
Distribution



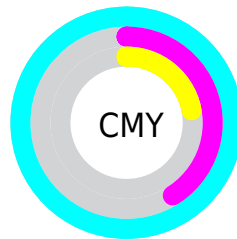
- Red (0%)
- Green (59%)
- Blue (78%)



- Red (0%)
- Yellow (34%)
- Blue (78%)



- Cyan (100%)
- Magenta (25%)
- Yellow (0%)
- Black (22%)



- Cyan (100%)
- Magenta (41%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0096C7 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 0096C7 by changing the saturation by 10% instead.

 0096C7

 0096C7

FFFFFF

 007CAC

 63CCFF

 006391

 82E8FF

 004B77

 A1FFFF

 00355E

 C0FFFF

 002046

 DEFFFF

 00042F

FDFFFF

 00011A

 000000

 0096C7

 149BC7

 28A0C7

 3CA5C7

 50AAC7

 64AFC7

 77B3C7

 8BB8C7

 9FBDC7

 B3C2C7

Harmonies

Analogous

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



009BB1



0096C7



628DCD

Triad

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



0096C7



CA7086



779554

Complementary

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



0096C7



C73100

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.



9A8B48



0096C7



C87566

Square

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



0096C7



BA75A7



B6804F



4C9A6F

Rectangle

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



0096C7



8785C7



B6804F



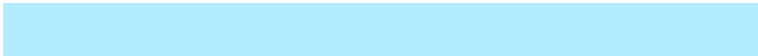
83924E

Sweetspot

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



0096C7



B3ECFF



00C72E



527480



000000



808080

Same Dimension

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



0096C7



00C0FF



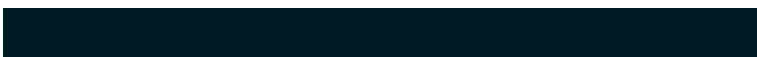
0035C7



5A6163



007BA3



001B24

Inverse Universe

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



C70096



FF00C0



C79200



635A61



A3007B



24001B

Previews

White Background



This preview shows how the Hex color 0096C7 looks on a white background.

Color Contrast Check

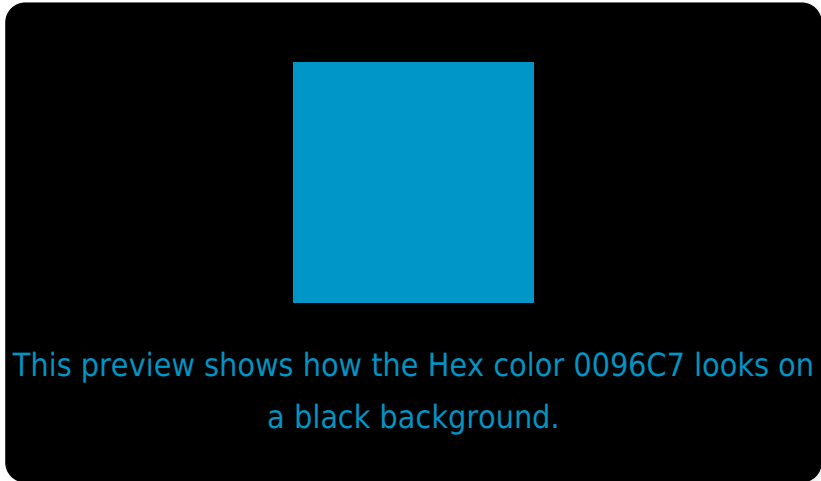
Large Text (above 18pt) WCAG AA ✓ Pass

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

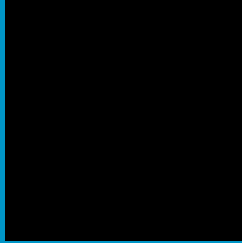
Any Text WCAG AA ✓ Pass

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 0096C7 Background



This preview shows how black text looks on a background with the Hex color 0096C7.



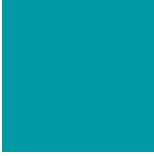
This preview shows how white text looks on a background with the Hex color 0096C7.

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](#).

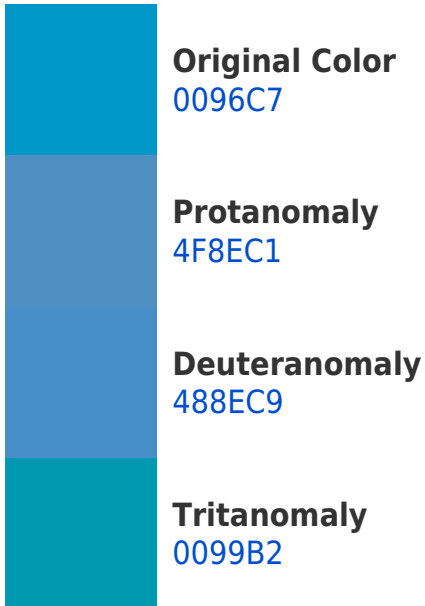
Dichromacy





Tritanopia
009AA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0096C7 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 #0096C7 looks like.

```
.text, #text, p{  
    color:#0096C7  
}
```

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 #0096C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0096C7
}
```

Border

The CSS property to change the border of an element to Hex 0096C7 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
#0096C7 }
```

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

```
.border{ border-color:#0096C7 }
```

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

Here you see how a box with a 4 pixel #0096C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0096C7; -webkit-box-shadow:4px 4px  
4px 4px #0096C7; box-shadow:4px 4px 4px  
4px #0096C7 }
```

Background

The CSS property to change the background color of an element to Hex 0096C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0096C7 }
```

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

```
.background{ background-color:#0096C7 }
```

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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