

# Converting Colors

Hex(0096D7)

Have a look what the booklet for  
Hex(0096D7) contains.

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**Color**

**Hex(0096D7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0096D7
RGB	0, 150, 215
RGB Percent	0%, 59%, 84%
CMY	1.0000, 0.4118, 0.1569
CMYK	1.00, 0.30, 0.00, 0.16
HSL	198°, 100%, 42%
HSV	198°, 100%, 84%
XYZ	23.1721, 26.7190, 68.2260
YIQ	112.5600, -110.2650, -11.5850

# Conversions

## Conversions Part 2

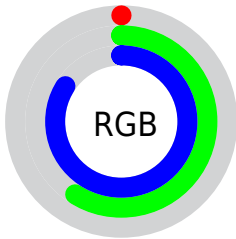
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 88, 215
Decimal	38615
CIELab	58.71, -9.69, -42.33
CIELCh	59, 43.422, 257.109
Yxy	26.7190, 0.1962, 0.2262
Android (android.graphics.Color)	4278228695 (0xFF0096D7)
YUV	112.5600, 50.5029, -98.7151
Hunter-Lab	51.6904, -10.4392, -42.0733

# Details

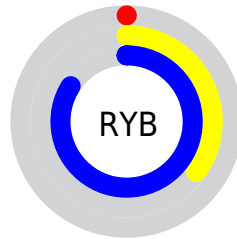
The Hex color **0096D7** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **D74100**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **66CCFF**, and **0063A0** is the 20% darker color. If you saturate the color by 10%, you get **0096D7**, and if you desaturate by 10%, it is **159DD7**.

# Distribution



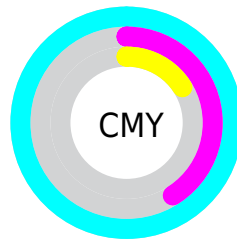
- Red (0%)
- Green (59%)
- Blue (84%)



- Red (0%)
- Yellow (35%)
- Blue (84%)



- Cyan (100%)
- Magenta (30%)
- Yellow (0%)
- Black (16%)



- Cyan (100%)
- Magenta (41%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0096D7 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 0096D7 by changing the saturation by 10% instead.



 0096D7

 0096D7

FFFFFF

 007CBB

 66CCFF

 0063A0

 87E8FF

 004C85

 A6FFFF

 00356C

 C5FFFF

 002153

 E4FFFF

 00063C

 000225

 00010D

 000000

■ 0096D7

■ 159DD7

■ 2BA3D7

■ 41AAD7

■ 56B0D7

■ 6CB7D7

■ 81BDD7

■ 97C4D7

■ ACCAD7

■ C2D1D7

# Harmonies

## Analogous

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



009EC4



0096D7



758AD6

# Triad

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



0096D7



D56E79



639B58

# Complementary

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



0096D7



D74100

# 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.



8F9242



0096D7



CB7857

# Square

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



0096D7



CC6F9F



B28542



1FA07B

# Rectangle

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



0096D7



9C80CA



B28542



73984E

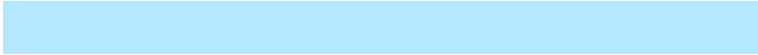


# Sweetspot

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



0096D7



B3E8FF



00D741



527280



000000



808080



# Same Dimension

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



0096D7



00B2FF



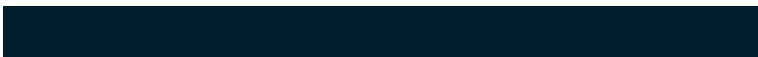
002BD7



60686B



0077AB



001E2B



# Inverse Universe

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



D70096



FF00B2



D7AC00



6B6068



AB0077



2B001E



# Previews

## White Background



This preview shows how the Hex color 0096D7 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 0096D7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

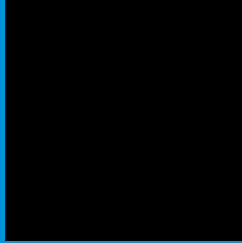
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 0096D7 Background



This preview shows how black text looks on a background with the Hex color 0096D7.

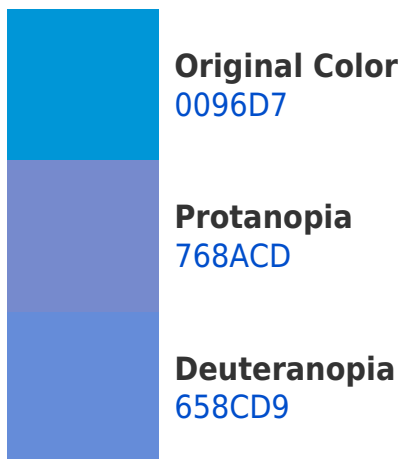


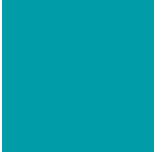
This preview shows how white text looks on a background with the Hex color 0096D7.

# 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**  
009CA8

# Trichromacy



**Original Color**  
0096D7



**Protanomaly**  
4B8ED1



**Deuteranomaly**  
4090D8



**Tritanomaly**  
009AB9

# Monochromacy



**Original Color**  
0096D7



**Achromatopsia**  
717171



**Achromatomaly**  
487E96

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0096D7 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 #0096D7 looks like.

```
.text, #text, p{  
    color:#0096D7  
}
```

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 #0096D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0096D7
}
```

## Border

The CSS property to change the border of an element to Hex 0096D7 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
#0096D7 }
```

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

```
.border{ border-color:#0096D7 }
```

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

Here you see how a box with a 4 pixel #0096D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0096D7; -webkit-box-shadow:4px 4px  
4px 4px #0096D7; box-shadow:4px 4px 4px  
4px #0096D7 }
```

# Background

The CSS property to change the background color of an element to Hex 0096D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0096D7 }
```

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

```
.background{ background-color:#0096D7 }
```

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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