

# Converting Colors

Hex(0096DA)

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

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# Color

**Hex(0096DA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0096DA
RGB	0, 150, 218
RGB Percent	0%, 59%, 85%
CMY	1.0000, 0.4118, 0.1451
CMYK	1.00, 0.31, 0.00, 0.15
HSL	199°, 100%, 43%
HSV	199°, 100%, 85%
XYZ	23.5612, 26.8746, 70.2752
YIQ	112.9020, -111.2280, -10.6520

# Conversions

## Conversions Part 2

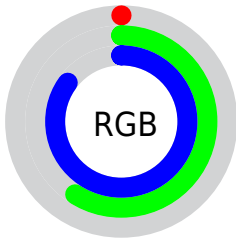
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 89, 218
Decimal	38618
CIELab	58.86, -8.57, -43.77
CIELCh	59, 44.606, 258.920
Yxy	26.8746, 0.1952, 0.2226
Android (android.graphics.Color)	4278228698 (0xFF0096DA)
YUV	112.9020, 51.8133, -99.0151
Hunter-Lab	51.8408, -9.5944, -44.0848

# Details

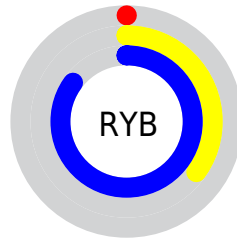
The Hex color **0096DA** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **DA4400**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **67CCFF**, and **0064A3** is the 20% darker color. If you saturate the color by 10%, you get **0096DA**, and if you desaturate by 10%, it is **169DDA**.

# Distribution



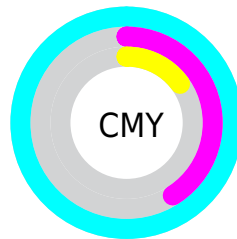
- Red (0%)
- Green (59%)
- Blue (85%)



- Red (0%)
- Yellow (35%)
- Blue (85%)



- Cyan (100%)
- Magenta (31%)
- Yellow (0%)
- Black (15%)



- Cyan (100%)
- Magenta (41%)
- Yellow (15%)

# Brightness & Saturation Gradients

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



 0096DA

 0096DA

FFFFFF

 007CBE

 67CCFF

 0064A3

 87E8FF

 004C88

 A7FFFF

 00366E


 C6FFFF

 002155

 E5FFFF

 00063E

 000327

 000111

 000000

 0096DA

 169DDA

 2CA4DA

 41AADA

 57B1DA

 6DB8DA

 83BFDA

 99C6DA

 AECCDA

 C4D3DA

# Harmonies

## Analogous

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



009EC8



0096DA



7989D8

# Triad

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



0096DA



D76E76



5F9C58

# Complementary

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



0096DA



DA4400

# 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.



8C9340



0096DA



CC7854

# Square

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



0096DA



CF6E9E



B1863F



09A17D

# Rectangle

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



0096DA



A07FCB



B1863F



6F994E

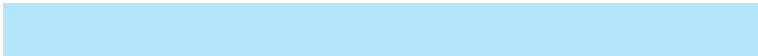


# Sweetspot

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



0096DA



B3E7FF



00DA41



527180



000000



808080

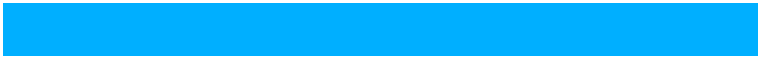


# Same Dimension

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



0096DA



00AFFF



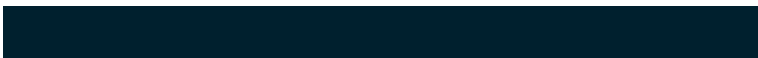
002CDA



636A6E



0077AD



00202E



# Inverse Universe

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



DA0096



FF00AF



DAAE00



6E636A



AD0077



2E0020



# Previews

## White Background



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

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

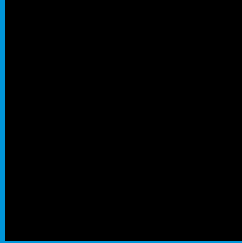
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 0096DA Background



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

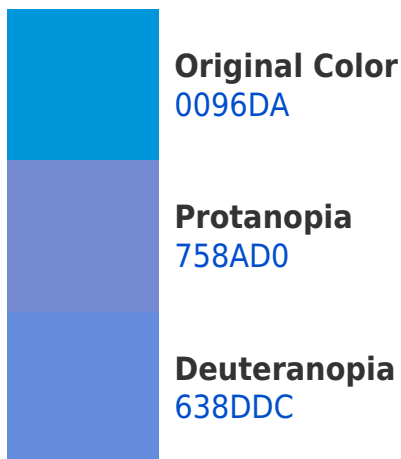


This preview shows how white text looks on a background with the Hex color 0096DA.

# 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](#).

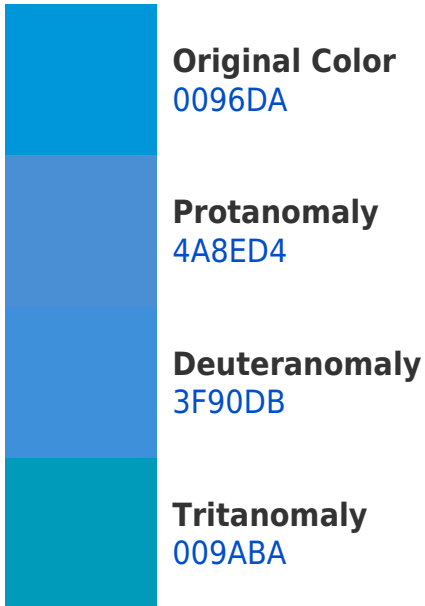
## Dichromacy





**Tritanopia**  
009DA8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #0096DA colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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