

# Converting Colors

Hex(0095DB)

Have a look what the booklet for  
Hex(0095DB) contains.

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**Color**

**Hex(0095DB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0095DB
RGB	0, 149, 219
RGB Percent	0%, 58%, 86%
CMY	1.0000, 0.4157, 0.1412
CMYK	1.00, 0.32, 0.00, 0.14
HSL	199°, 100%, 43%
HSV	199°, 100%, 86%
XYZ	23.5336, 26.6094, 70.9136
YIQ	112.4290, -111.2740, -9.8180

# Conversions

## Conversions Part 2

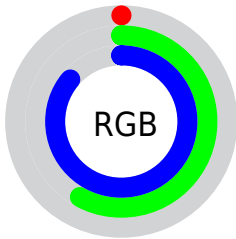
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	0, 89, 219
Decimal	38363
CIE Lab	58.61, -7.63, -44.72
CIE LCh	59, 45.368, 260.318
Yxy	26.6094, 0.1944, 0.2198
Android (android.graphics.Color)	4278228443 (0xFF0095DB)
YUV	112.4290, 52.5395, -98.6002
Hunter-Lab	51.5843, -8.8377, -45.3978

# Details

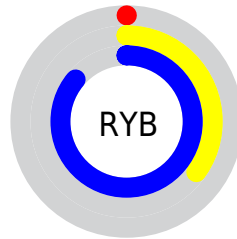
The Hex color **0095DB** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **DB4600**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **67CBFF**, and **0063A4** is the 20% darker color. If you saturate the color by 10%, you get **0095DB**, and if you desaturate by 10%, it is **169CDB**.

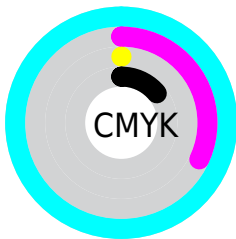
# Distribution



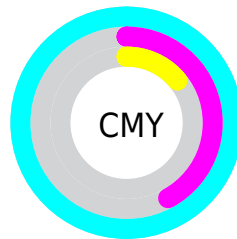
- Red (0%)
- Green (58%)
- Blue (86%)



- Red (0%)
- Yellow (35%)
- Blue (86%)



- Cyan (100%)
- Magenta (32%)
- Yellow (0%)
- Black (14%)



- Cyan (100%)
- Magenta (42%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0095DB 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 0095DB by changing the saturation by 10% instead.



 0095DB

 0095DB

FFFFFF

 007BBF

 67CBFF

 0063A4

 88E7FF

 004B89

 A7FFFF

 00356F


 C6FFFF

 002056

 E5FFFF

 00063F

 000328

 000111

 000000

 0095DB

 169CDB

 2CA3DB

 42AADB

 58B1DB

 6EB8DB

 83BFDB

 99C6DB

 AFCDDB

 C5D4DB

# Harmonies

## Analogous

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



009DC9



0095DB



7B88D8

# Triad

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



0095DB



D86D74



5B9C58

# Complementary

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



0095DB



DB4600

# 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.



8A933F



0095DB



CB7851

# Square

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



0095DB



D06C9C



AF863C



00A07E

# Rectangle

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



0095DB



A27DCA



AF863C



6C994E



# Sweetspot

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



0095DB



B3E7FF



00DB45



527180



000000



808080



# Same Dimension

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



0095DB



00ADFF



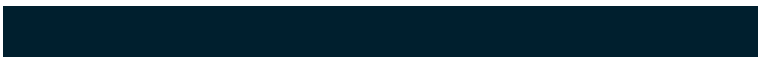
0028DB



636A6E



0076AD



001F2E



# Inverse Universe

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



DB0095



FF00AD



DBB300



6E636A



AD0076



2E001F



# Previews

## White Background



This preview shows how the Hex color 0095DB 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 0095DB 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 0095DB Background



This preview shows how black text looks on a background with the Hex color 0095DB.

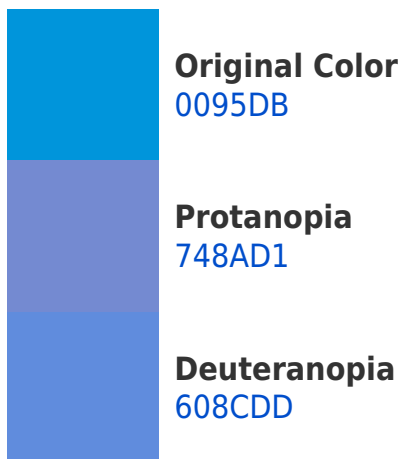


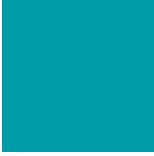
This preview shows how white text looks on a background with the Hex color 0095DB.

# 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](#).

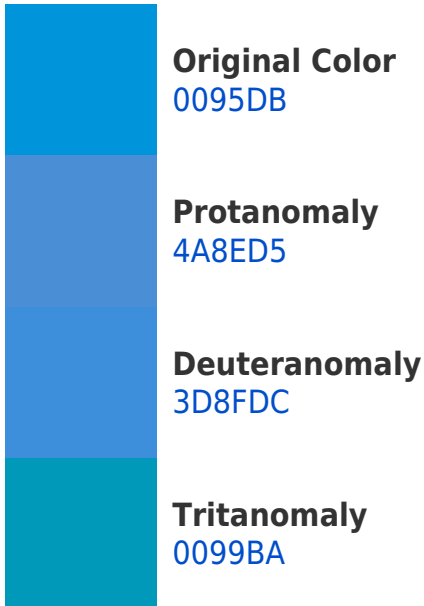
## Dichromacy



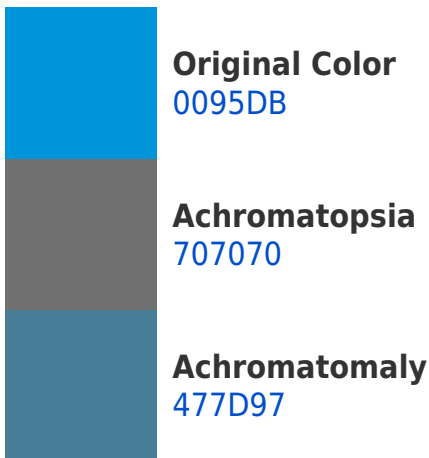


**Tritanopia**  
009CA7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0095DB 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 #0095DB looks like.

```
.text, #text, p{  
    color:#0095DB  
}
```

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 #0095DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0095DB
}
```

## Border

The CSS property to change the border of an element to Hex 0095DB 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
#0095DB }
```

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

```
.border{ border-color:#0095DB }
```

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

Here you see how a box with a 4 pixel #0095DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0095DB; -webkit-box-shadow:4px 4px  
4px 4px #0095DB; box-shadow:4px 4px 4px  
4px #0095DB }
```

# Background

The CSS property to change the background color of an element to Hex 0095DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0095DB }
```

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

```
.background{ background-color:#0095DB }
```

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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