

# Converting Colors

Hex(0099DF)

Have a look what the booklet for  
Hex(0099DF) contains.

<b>Hex(0099DF)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(0099DF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0099DF
RGB	0, 153, 223
RGB Percent	0%, 60%, 87%
CMY	1.0000, 0.4000, 0.1255
CMYK	1.00, 0.31, 0.00, 0.13
HSL	199°, 100%, 44%
HSV	199°, 100%, 87%
XYZ	24.7105, 28.1102, 73.9355
YIQ	115.2330, -113.6580, -10.6660

# Conversions

## Conversions Part 2

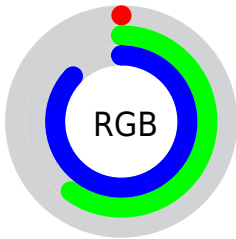
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 91, 223
Decimal	39391
CIELab	59.99, -8.42, -44.78
CIELCh	60, 45.560, 259.353
Yxy	28.1102, 0.1949, 0.2218
Android (android.graphics.Color)	4278229471 (0xFF0099DF)
YUV	115.2330, 53.1291, -101.0593
Hunter-Lab	53.0190, -9.5900, -45.5671

# Details

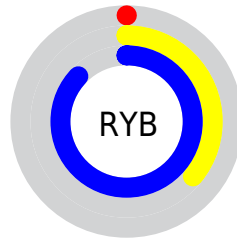
The Hex color **0099DF** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **DF4600**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **68CFFF**, and **0066A7** is the 20% darker color. If you saturate the color by 10%, you get **0099DF**, and if you desaturate by 10%, it is **16A0DF**.

# Distribution



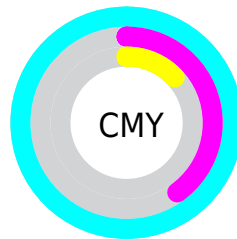
- Red (0%)
- Green (60%)
- Blue (87%)



- Red (0%)
- Yellow (36%)
- Blue (87%)



- Cyan (100%)
- Magenta (31%)
- Yellow (0%)
- Black (13%)



- Cyan (100%)
- Magenta (40%)
- Yellow (13%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 0099DF 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 0099DF by changing the saturation by 10% instead.



 0099DF

 0099DF

FFFFFF

 007FC3

 68CFFF

 0066A7

 89EBFF

 004F8D

 A9FFFF

 003873

 C8FFFF

 00235A

 E7FFFF

 000742

 00032B

 000115

 000000

■ 0099DF

■ 16A0DF

■ 2DA7DF

■ 43AEDF

■ 59B5DF

■ 70BCDF

■ 86C3DF

■ 9CCADF

■ B2D1DF

■ C9D8DF

# Harmonies

## Analogous

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



00A1CC



0099DF



7C8CDC

# Triad

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



0099DF



DC7078



609F5A

# Complementary

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



0099DF



DF4600

# 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.



8F9642



0099DF



D07B55

# Square

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



0099DF



D470A1



B48940



00A480

# Rectangle

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



0099DF



A481CF



B48940



719D50

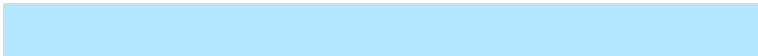


# Sweetspot

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



0099DF



B3E7FF



00DF43



527180



000000



808080

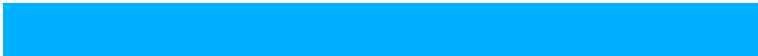


# Same Dimension

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



0099DF



00AFFF



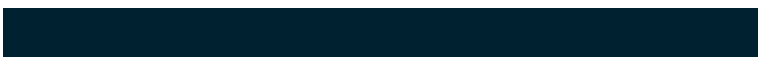
002DDF



656D70



0079B0



002130



# Inverse Universe

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



DF0099



FF00AF



DFB200



70656D



B00079



300021



# Previews

## White Background



This preview shows how the Hex color 0099DF looks on a white background.

## Color Contrast Check

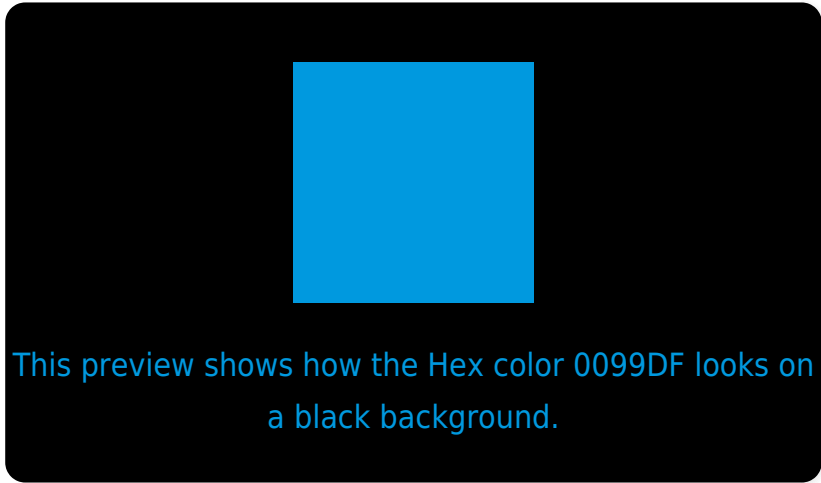
Large Text (above 18pt) WCAG AA ✓ Pass

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

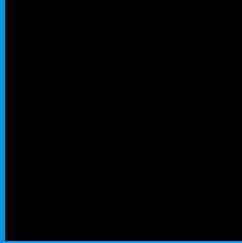
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 0099DF Background



This preview shows how black text looks on a background with the Hex color 0099DF.



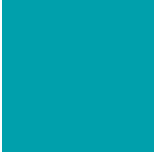
This preview shows how white text looks on a background with the Hex color 0099DF.

# 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](#).

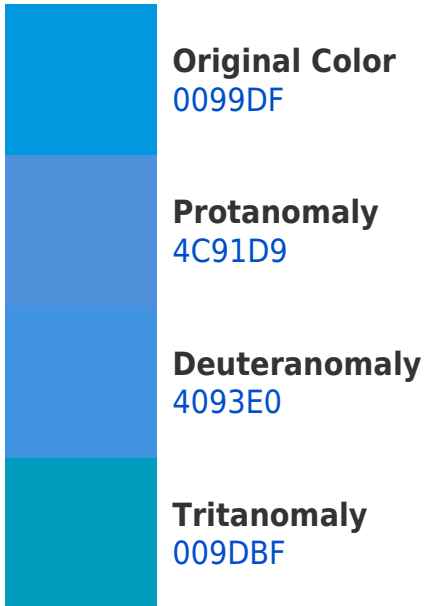
## Dichromacy





**Tritanopia**  
00A0AC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0099DF 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 #0099DF looks like.

```
.text, #text, p{  
    color:#0099DF  
}
```

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 #0099DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0099DF
}
```

## Border

The CSS property to change the border of an element to Hex 0099DF 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
#0099DF }
```

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

```
.border{ border-color:#0099DF }
```

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

Here you see how a box with a 4 pixel #0099DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0099DF; -webkit-box-shadow:4px 4px  
4px 4px #0099DF; box-shadow:4px 4px 4px  
4px #0099DF }
```

# Background

The CSS property to change the background color of an element to Hex 0099DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0099DF }
```

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

```
.background{ background-color:#0099DF }
```

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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