

# Converting Colors

Hex(059AFF)

Have a look what the booklet for  
Hex(059AFF) contains.

<b>Hex(059AFF)</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(059AFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	059AFF
RGB	5, 154, 255
RGB Percent	2%, 60%, 100%
CMY	0.9804, 0.3961, 0.0000
CMYK	0.98, 0.40, 0.00, 0.00
HSL	204°, 100%, 51%
HSV	204°, 98%, 100%
XYZ	29.6682, 30.3635, 98.9048
YIQ	120.9630, -121.2250, -0.1770

# Conversions

## Conversions Part 2

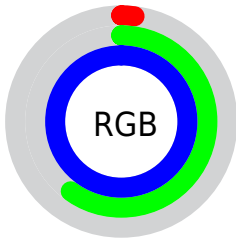
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	5, 98, 255
Decimal	367359
CIE Lab	61.97, 3.11, -59.27
CIE LCh	62, 59.350, 273.004
Yxy	30.3635, 0.1867, 0.1910
Android (android.graphics.Color)	4278557439 (0xFF059AFF)
YUV	120.9630, 66.0802, -101.6996
Hunter-Lab	55.1031, -0.3237, -67.8478

# Details

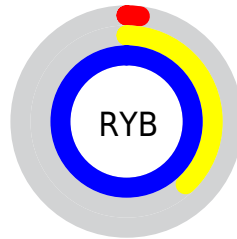
The Hex color **059AFF** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **FF6A05**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **71D0FF**, and **0068C6** is the 20% darker color. If you saturate the color by 10%, you get **0098FF**, and if you desaturate by 10%, it is **1FA4FF**.

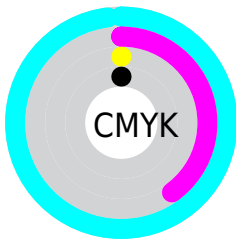
# Distribution



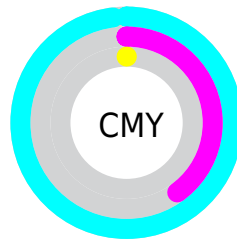
- Red (2%)
- Green (60%)
- Blue (100%)



- Red (2%)
- Yellow (38%)
- Blue (100%)



- Cyan (98%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)



- Cyan (98%)
- Magenta (40%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 059AFF 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 059AFF by changing the saturation by 10% instead.



 059AFF

 059AFF

FFFFFF

 0080E2

 71D0FF

 0068C6

 93ECFF

 0050AA

 B3FFFF

 003A8F

 D3FFFF

 002675

 F3FFFF

 00115B


 000743

 00032C

 000116

 059AFF

 059AFF

 0098FF

 1FA4FF

 38AFFF

 52B9FF

 6BC3FF

 85CEFF

 9ED8FF

 B8E2FF

 D1ECFF

 EBF7FF

# Harmonies

## Analogous

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



00A8F3



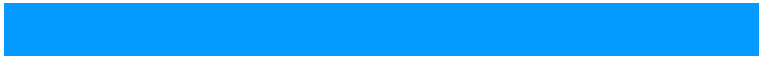
059AFF



9E86EE

# Triad

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



059AFF



F16D5F



17AB64

# Complementary

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



059AFF



FF6A05

# 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.



76A336



059AFF



D68136

# Square

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



059AFF



F46493



AC9520



00AF9A

# Rectangle

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



059AFF



CA76D6



AC9520



46A953

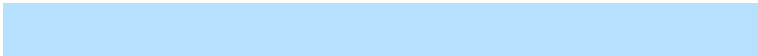


# Sweetspot

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



059AFF



B5E1FF



05FF69



536D80



000000

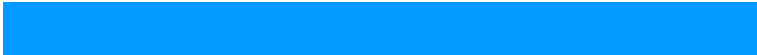


808080

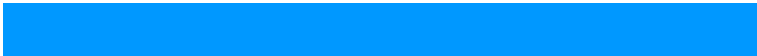


# Same Dimension

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



059AFF



0098FF



051EFF



737A80



0072BF



002640



# Inverse Universe

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



FF059A



FF0098



FFE605



80737A



BF0072



400026



# Previews

## White Background



This preview shows how the Hex color 059AFF looks on a white background.

## Color Contrast Check

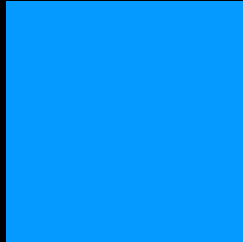
Large Text (above 18pt) WCAG AA × Fail

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 059AFF 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 ✓ Pass

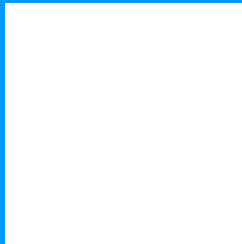
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 059AFF Background



This preview shows how black text looks on a background with the Hex color 059AFF.

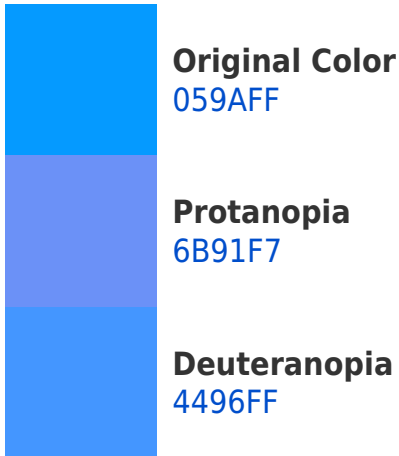


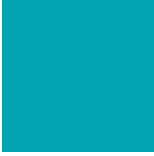
This preview shows how white text looks on a background with the Hex color 059AFF.

# 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](#).

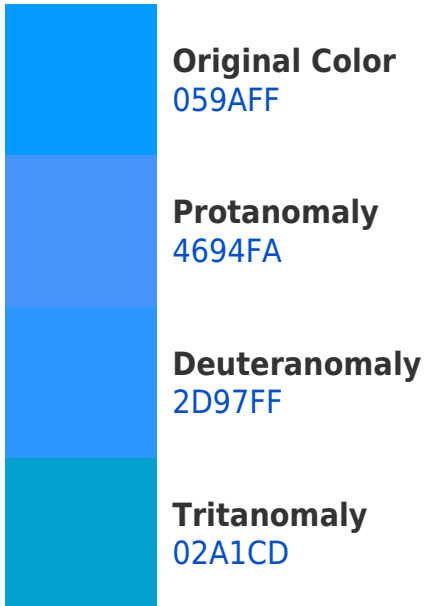
## Dichromacy



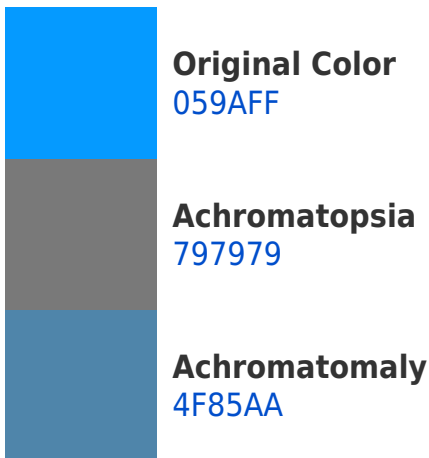


**Tritanopia**  
00A5B1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 059AFF 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 #059AFF looks like.

```
.text, #text, p{  
    color:#059AFF  
}
```

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 #059AFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #059AFF
}
```

## Border

The CSS property to change the border of an element to Hex 059AFF 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
#059AFF }
```

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

```
.border{ border-color:#059AFF }
```

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

Here you see how a box with a 4 pixel #059AFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #059AFF; -webkit-box-shadow:4px 4px  
4px 4px #059AFF; box-shadow:4px 4px 4px  
4px #059AFF }
```

# Background

The CSS property to change the background color of an element to Hex 059AFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#059AFF }
```

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

```
.background{ background-color:#059AFF }
```

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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