

# Converting Colors

Hex(0098FA)

Have a look what the booklet for  
Hex(0098FA) contains.

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# Color

Hex(0098FA)

# Conversions

## Conversions Part 1

Format	Color
Hex	0098FA
RGB	0, 152, 250
RGB Percent	0%, 60%, 98%
CMY	1.0000, 0.4039, 0.0196
CMYK	1.00, 0.39, 0.00, 0.02
HSL	204°, 100%, 49%
HSV	204°, 100%, 98%
XYZ	28.4836, 29.3586, 94.6080
YIQ	117.7240, -122.0500, -1.7460

# Conversions

## Conversions Part 2

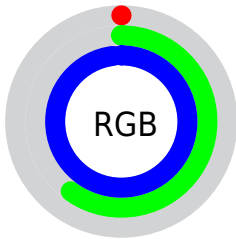
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 95, 250
Decimal	39162
CIELab	61.10, 2.28, -57.92
CIELCh	61, 57.967, 272.257
Yxy	29.3586, 0.1868, 0.1926
Android (android.graphics.Color)	4278229242 (0xFF0098FA)
YUV	117.7240, 65.2121, -103.2439
Hunter-Lab	54.1836, -0.9863, -65.5957

# Details

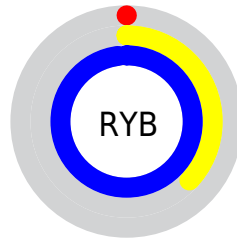
The Hex color **0098FA** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **FA6200**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **6FCEFF**, and **0066C1** is the 20% darker color. If you saturate the color by 10%, you get **0098FA**, and if you desaturate by 10%, it is **19A2FA**.

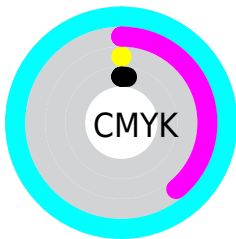
# Distribution



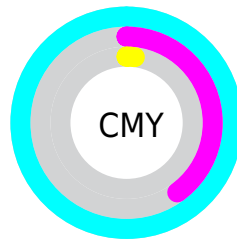
- Red (0%)
- Green (60%)
- Blue (98%)



- Red (0%)
- Yellow (37%)
- Blue (98%)



- Cyan (100%)
- Magenta (39%)
- Yellow (0%)
- Black (2%)




- Cyan (100%)
- Magenta (40%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0098FA 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 0098FA by changing the saturation by 10% instead.



 0098FA

 0098FA

FFFFFF

 007EDD

 6FCEFF

 0066C1

 91EAFB

 004EA5


 B1FFFF

 00388A

 D1FFFF

 002470

 F1FFFF

 000E57

 00063F

 000328

 000112

 0098FA

 19A2FA

 32ACFA

 4BB5FA

 64BFFA

 7DC9FA

 96D3FA

 AFDDFA

 C8E6FA

 E1F0FA

# Harmonies

## Analogous

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



00A5EE



0098FA



9A84EB

# Triad

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



0098FA



ED6B60



20A861

# Complementary

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



0098FA



FA6200

# 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.



77A036



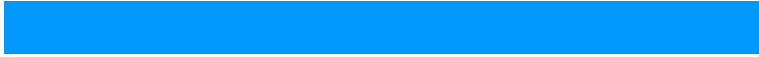
0098FA



D37F37

# Square

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



0098FA



EF6392



AB9222



00AC96

# Rectangle

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



0098FA



C575D3



AB9222



48A651

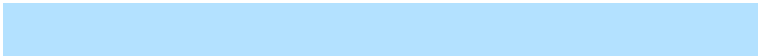


# Sweetspot

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



0098FA



B3E1FF



00FA60



526E80



000000

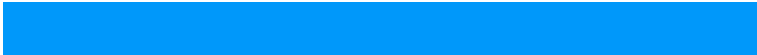


808080

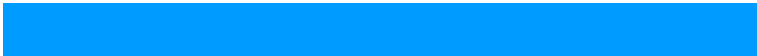


# Same Dimension

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



0098FA



009BFF



001DFA



70787D



0073BD



00253D



# Inverse Universe

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



FA0098



FF009B



FADD00



7D7078



BD0073



3D0025



# Previews

## White Background



This preview shows how the Hex color 0098FA looks on a white background.

## Color Contrast Check

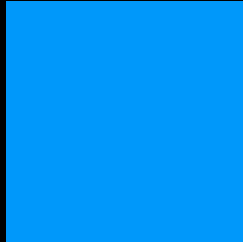
Large Text (above 18pt) WCAG AA ✓ Pass

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 0098FA 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

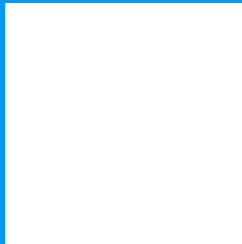
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0098FA Background



This preview shows how black text looks on a background with the Hex color 0098FA.

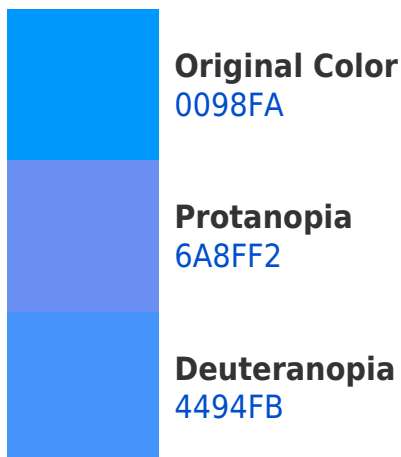


This preview shows how white text looks on a background with the Hex color 0098FA.

# 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](#).

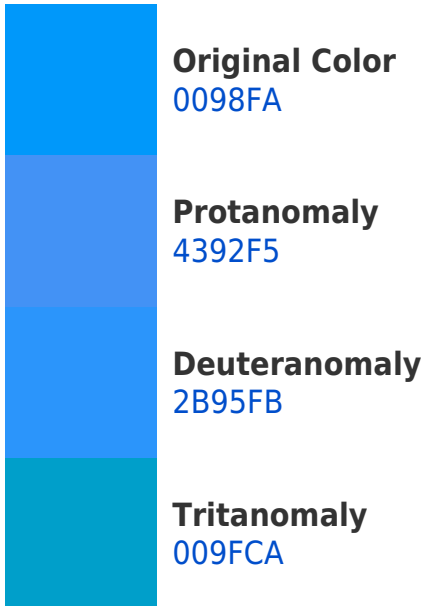
## Dichromacy





**Tritanopia**  
00A3AE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0098FA 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 #0098FA looks like.

```
.text, #text, p{  
    color:#0098FA  
}
```

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 #0098FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0098FA
}
```

## Border

The CSS property to change the border of an element to Hex 0098FA 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
#0098FA }
```

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

```
.border{ border-color:#0098FA }
```

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

Here you see how a box with a 4 pixel #0098FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0098FA; -webkit-box-shadow:4px 4px  
4px 4px #0098FA; box-shadow:4px 4px 4px  
4px #0098FA }
```

# Background

The CSS property to change the background color of an element to Hex 0098FA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0098FA }
```

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

```
.background{ background-color:#0098FA }
```

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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