

# Converting Colors

Hex(0063F8)

Have a look what the booklet for  
Hex(0063F8) contains.

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**Color**

**Hex(0063F8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0063F8
RGB	0, 99, 248
RGB Percent	0%, 39%, 97%
CMY	1.0000, 0.6118, 0.0275
CMYK	1.00, 0.60, 0.00, 0.03
HSL	216°, 100%, 49%
HSV	216°, 100%, 97%
XYZ	21.4051, 15.7010, 90.7094
YIQ	86.3850, -106.8330, 25.3510

# Conversions

## Conversions Part 2

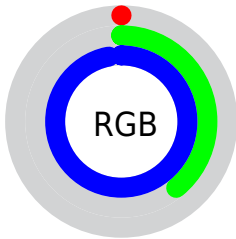
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	0, 71, 248
Decimal	25592
CIE Lab	46.58, 34.46, -80.29
CIE LCh	47, 87.376, 293.230
Yxy	15.7010, 0.1675, 0.1228
Android (android.graphics.Color)	4278215672 (0xFF0063F8)
YUV	86.3850, 79.6762, -75.7596
Hunter-Lab	39.6245, 27.0828, -107.9910

# Details

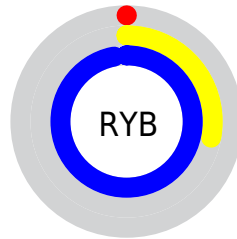
The Hex color **0063F8** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark saturated azure. A complement of this color would be **F89500**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **7095FF**, and **0036BE** is the 20% darker color. If you saturate the color by 10%, you get **0063F8**, and if you desaturate by 10%, it is **1972F8**.

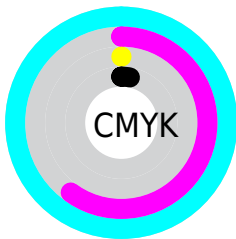
# Distribution



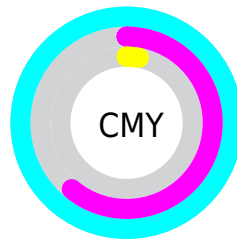
- Red (0%)
- Green (39%)
- Blue (97%)



- Red (0%)
- Yellow (28%)
- Blue (97%)



- Cyan (100%)
- Magenta (60%)
- Yellow (0%)
- Black (3%)



- Cyan (100%)
- Magenta (61%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0063F8 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 0063F8 by changing the saturation by 10% instead.



 0063F8

 0063F8

FFFFFF

 004CDB

 7095FF

 0036BE

 92AFFF

 0023A2

 B3CBFF

 001387

 D3E7FF

 00046D

 F3FFFF

 000B53

 00063B

 000225

 00010D

 0063F8

 1972F8

 3281F8

 4A90F8

 639FF8

 7CAEF8

 95BCF8

 AECBF8

 C6DAF8

 DFE9F8

# Harmonies

## Analogous

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



007EFF



0063F8



B22FC8

# Triad

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



0063F8



C83E00



008A5B

# Complementary

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



0063F8



F89500

# 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.



008600



0063F8



956600

# Square

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



0063F8



E6003B



507B00



008CA7

# Rectangle

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



0063F8



D8009B



507B00



008940



# Sweetspot

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



0063F8



B3D1FF



00F895



526480



000000



808080



# Same Dimension

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



0063F8



0066FF



1900F8



70757D



004BBD



00183D



# Inverse Universe

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



F80063



FF0066



DFF800



7D7075



BD004B



3D0018



# Previews

## White Background



This preview shows how the Hex color 0063F8 looks on a white background.

## Color Contrast Check

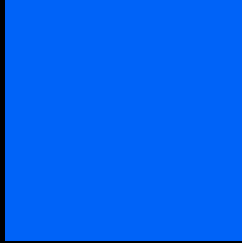
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 0063F8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

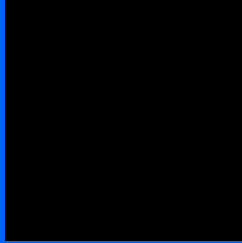
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0063F8 Background



This preview shows how black text looks on a background with the Hex color 0063F8.

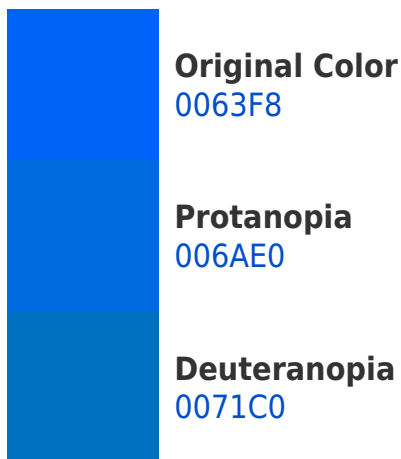


This preview shows how white text looks on a background with the Hex color 0063F8.

# 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**  
007A81

# Trichromacy



**Original Color**  
0063F8

**Protanomaly**  
0067E9

**Deuteranomaly**  
006CD4

**Tritanomaly**  
0072AC

# Monochromacy



**Original Color**  
0063F8

**Achromatopsia**  
565656

**Achromatomaly**  
375B91

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0063F8 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 #0063F8 looks like.

```
.text, #text, p{  
    color:#0063F8  
}
```

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 #0063F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0063F8  
}
```

## Border

The CSS property to change the border of an element to Hex 0063F8 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  
#0063F8 }
```

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

```
.border{ border-color:#0063F8 }
```

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

Here you see how a box with a 4 pixel #0063F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0063F8; -webkit-box-shadow:4px 4px  
4px 4px #0063F8; box-shadow:4px 4px 4px  
4px #0063F8 }
```

# Background

The CSS property to change the background color of an element to Hex 0063F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0063F8 }
```

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

```
.background{ background-color:#0063F8 }
```

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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