

# Converting Colors

Hex(0569F0)

Have a look what the booklet for  
Hex(0569F0) contains.

<b>Hex(0569F0)</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(0569F0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0569F0
RGB	5, 105, 240
RGB Percent	2%, 41%, 94%
CMY	0.9804, 0.5882, 0.0588
CMYK	0.98, 0.56, 0.00, 0.06
HSL	214°, 96%, 48%
HSV	214°, 98%, 94%
XYZ	20.8423, 16.4267, 84.5102
YIQ	90.4900, -102.9350, 20.7850

# Conversions

## Conversions Part 2

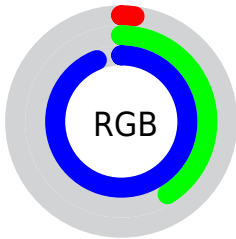
<b>Format</b>	<b>Color</b>
<b>RYB</b>	5, 75, 240
Decimal	354800
CIELab	47.53, 27.68, -74.27
CIELCh	48, 79.257, 290.441
Yxy	16.4267, 0.1711, 0.1349
Android (android.graphics.Color)	4278544880 (0xFF0569F0)
YUV	90.4900, 73.7084, -74.9747
Hunter-Lab	40.5298, 20.8658, -95.2568

# Details

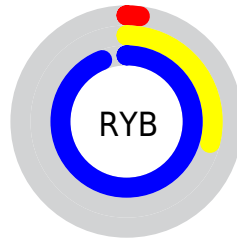
The Hex color **0569F0** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark saturated azure. A complement of this color would be **F08C05**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **6E9BFF**, and **003BB7** is the 20% darker color. If you saturate the color by 10%, you get **0066F0**, and if you desaturate by 10%, it is **1D77F0**.

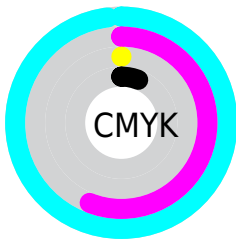
# Distribution



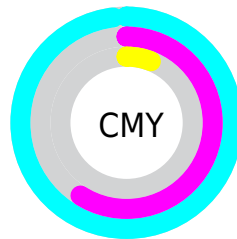
- Red (2%)
- Green (41%)
- Blue (94%)



- Red (2%)
- Yellow (29%)
- Blue (94%)



- Cyan (98%)
- Magenta (56%)
- Yellow (0%)
- Black (6%)



- Cyan (98%)
- Magenta (59%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0569F0 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 0569F0 by changing the saturation by 10% instead.



 0569F0

 0569F0

FFFFFF

 0051D3

 6E9BFF

 003BB7

 90B6FF

 00279B

 B0D1FF

 001780


 D0EEFF

 000466

 EFFFFFF

 000A4D

 000535

 00021F

 000003

■ 0569F0

■ 0569F0

■ 0066F0

■ 1D77F0

■ 3585F0

■ 4D92F0

■ 65A0F0

■ 7DAEF0

■ 95BCF0

■ ADCAF0

■ C5D7F0

■ DDE5F0

# Harmonies

## Analogous

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



0080F6



0569F0



A942C7

# Triad

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



0569F0



C84400



008B58

# Complementary

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



0569F0



F08C05

# 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.



008601



0569F0



9B6600

# Square

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



0569F0



E10247



5E7B00



008C9E

# Rectangle

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



0569F0



CE1A9F



5E7B00



008A41



# Sweetspot

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



0569F0



B5D5FF



05F08A



536680



000000



808080



# Same Dimension

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



0569F0



006DFF



1505F0



6C7178



004EB8



001838



# Inverse Universe

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



F00569



FF006D



E0F005



786C71



B8004E



380018



# Previews

## White Background



This preview shows how the Hex color 0569F0 looks on a white background.

## Color Contrast Check

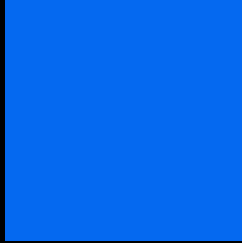
Large Text (above 18pt) WCAG AA ✓ Pass

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 0569F0 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 0569F0 Background



This preview shows how black text looks on a background with the Hex color 0569F0.



This preview shows how white text looks on a background with the Hex color 0569F0.

# 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



**Original Color**  
0569F0

**Protanopia**  
006CE5

**Deuteranopia**  
0073C5



**Tritanopia**  
007D84

# Trichromacy



**Original Color**  
0569F0

**Protanomaly**  
026BE9

**Deuteranomaly**  
026FD5

**Tritanomaly**  
0276AB

# Monochromacy



**Original Color**  
0569F0

**Achromatopsia**  
5A5A5A

**Achromatomaly**  
3B5F91

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0569F0 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 #0569F0 looks like.

```
.text, #text, p{  
    color:#0569F0  
}
```

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 #0569F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0569F0
}
```

## Border

The CSS property to change the border of an element to Hex 0569F0 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
#0569F0 }
```

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

```
.border{ border-color:#0569F0 }
```

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

Here you see how a box with a 4 pixel #0569F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0569F0; -webkit-box-shadow:4px 4px  
4px 4px #0569F0; box-shadow:4px 4px 4px  
4px #0569F0 }
```

# Background

The CSS property to change the background color of an element to Hex 0569F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0569F0 }
```

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

```
.background{ background-color:#0569F0 }
```

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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