

# Converting Colors

Hex(0861F2)

Have a look what the booklet for  
Hex(0861F2) contains.

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# Color

**Hex(0861F2)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0861F2
RGB	8, 97, 242
RGB Percent	3%, 38%, 95%
CMY	0.9686, 0.6196, 0.0510
CMYK	0.97, 0.60, 0.00, 0.05
HSL	217°, 94%, 49%
HSV	217°, 97%, 95%
XYZ	20.4018, 15.0118, 85.8267
YIQ	86.9190, -99.5890, 26.2270

# Conversions

## Conversions Part 2

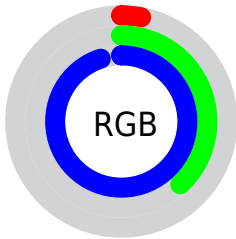
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	8, 72, 242
Decimal	549362
CIE Lab	45.65, 33.64, -78.46
CIE LCh	46, 85.364, 293.208
Yxy	15.0118, 0.1683, 0.1238
Android (android.graphics.Color)	4278739442 (0xFF0861F2)
YUV	86.9190, 76.4549, -69.2120
Hunter-Lab	38.7451, 26.1881, -104.2154

# Details

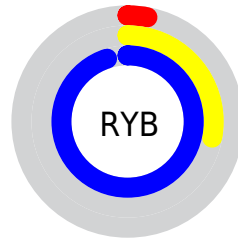
The Hex color **0861F2** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark saturated azure. A complement of this color would be **F29908**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **7093FF**, and **0034B9** is the 20% darker color. If you saturate the color by 10%, you get **005CF2**, and if you desaturate by 10%, it is **2070F2**.

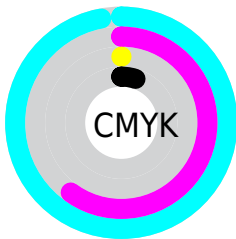
# Distribution



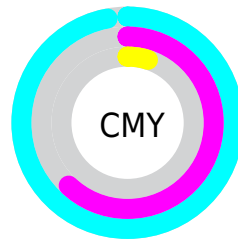
- Red (3%)
- Green (38%)
- Blue (95%)



- Red (3%)
- Yellow (28%)
- Blue (95%)



- Cyan (97%)
- Magenta (60%)
- Yellow (0%)
- Black (5%)



- Cyan (97%)
- Magenta (62%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0861F2 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 0861F2 by changing the saturation by 10% instead.



 0861F2

 0861F2

FFFFFF

 004AD5

 7093FF

 0034B9

 92ADFF

 00219D

 B2C9FF

 001182

 D2E4FF

 000668

 F1FFFF

 000A4F

 000537

 000220

 000005

■ 0861F2

■ 0861F2

■ 005CF2

■ 2070F2

■ 387FF2

■ 518EF2

■ 699DF2

■ 81ACF2

■ 99BBF2

■ B1CAF2

■ CAD9F2

■ E2E8F2

# Harmonies

## Analogous

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



007BFD



0861F2



AE2FC3

# Triad

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



0861F2



C43E00



008759

# Complementary

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



0861F2



F29908

# 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.



008300



0861F2



926400

# Square

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



0861F2



E0003A



4F7800



0089A3

# Rectangle

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



0861F2



D30097



4F7800



00863F



# Sweetspot

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



0861F2



B5D1FF



08F298



536480



000000



808080



# Same Dimension

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



0861F2



0061FF



2308F2



6C7078



0046B8



001538



# Inverse Universe

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



F20861



FF0061



D7F208



786C70



B80046



380015



# Previews

## White Background



This preview shows how the Hex color 0861F2 looks on a white background.

## Color Contrast Check

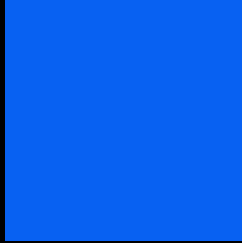
Large Text (above 18pt) WCAG AA ✓ Pass

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 0861F2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

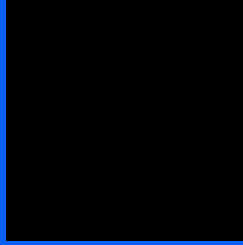
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

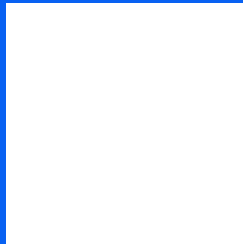
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0861F2 Background



This preview shows how black text looks on a background with the Hex color 0861F2.

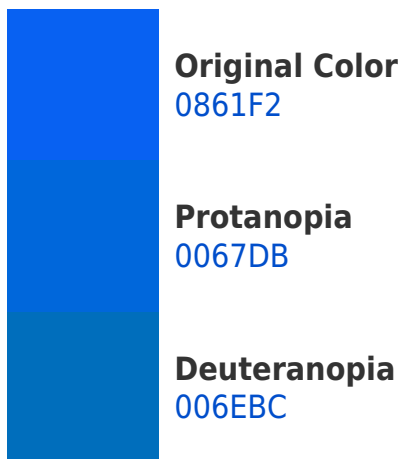


This preview shows how white text looks on a background with the Hex color 0861F2.

# 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**  
00777E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0861F2 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 #0861F2 looks like.

```
.text, #text, p{  
    color:#0861F2  
}
```

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 #0861F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0861F2
}
```

## Border

The CSS property to change the border of an element to Hex 0861F2 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
#0861F2 }
```

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

```
.border{ border-color:#0861F2 }
```

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

Here you see how a box with a 4 pixel #0861F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0861F2; -webkit-box-shadow:4px 4px  
4px 4px #0861F2; box-shadow:4px 4px 4px  
4px #0861F2 }
```

# Background

The CSS property to change the background color of an element to Hex 0861F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0861F2 }
```

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

```
.background{ background-color:#0861F2 }
```

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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