

# Converting Colors

Hex(0084F2)

Have a look what the booklet for  
Hex(0084F2) contains.

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# Color

Hex(0084F2)

# Conversions

## Conversions Part 1

Format	Color
Hex	0084F2
RGB	0, 132, 242
RGB Percent	0%, 52%, 95%
CMY	1.0000, 0.4824, 0.0510
CMYK	1.00, 0.45, 0.00, 0.05
HSL	207°, 100%, 47%
HSV	207°, 100%, 95%
XYZ	24.2783, 22.9133, 87.1475
YIQ	105.0720, -113.9820, 6.2260

# Conversions

## Conversions Part 2

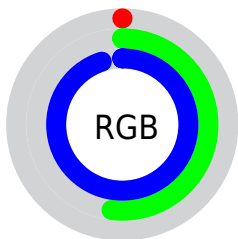
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	0, 85, 242
Decimal	34034
CIE <sub>Lab</sub>	54.98, 11.29, -63.31
CIE <sub>LCh</sub>	55, 64.306, 280.107
Y <sub>xy</sub>	22.9133, 0.1807, 0.1706
Android (android.graphics.Color)	4278224114 (0xFF0084F2)
Y <sub>UV</sub>	105.0720, 67.5055, -92.1481
Hunter-Lab	47.8679, 6.7653, -74.4349

# Details

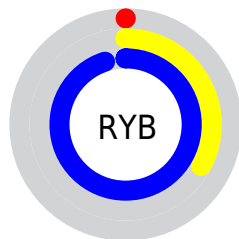
The Hex color **0084F2** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark saturated azure. A complement of this color would be **F26E00**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **6DB8FF**, and **0054B9** is the 20% darker color. If you saturate the color by 10%, you get **0084F2**, and if you desaturate by 10%, it is **188FF2**.

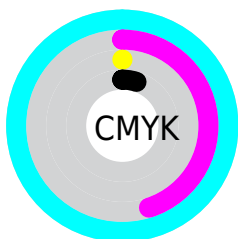
# Distribution



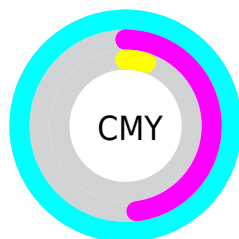
- Red (0%)
- Green (52%)
- Blue (95%)



- Red (0%)
- Yellow (33%)
- Blue (95%)



- Cyan (100%)
- Magenta (45%)
- Yellow (0%)
- Black (5%)



- Cyan (100%)
- Magenta (48%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0084F2 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 0084F2 by changing the saturation by 10% instead.



 0084F2

 0084F2

FFFFFF

 006BD5

 6DB8FF

 0054B9

 8ED4FF

 003D9E

 AEF0FF

 002983

 CEFFFF

 001669

 EEEFFF

 000A50

 000538

 000222

 000007

■ 0084F2

■ 188FF2

■ 309AF2

■ 49A5F2

■ 61B0F2

■ 79BBF2

■ 91C6F2

■ A9D1F2

■ C2DCF2

■ DAE7F2

# Harmonies

## Analogous

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



0094EC



0084F2



9D6CDA

# Triad

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



0084F2



DC5A3E



009B5B

# Complementary

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



0084F2



F26E00

# 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.



4F9424



0084F2



BC7308

# Square

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



0084F2



E74973



8C8700



009D96

# Rectangle

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



0084F2



C65ABC



8C8700



009949

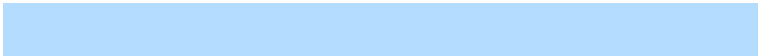


# Sweetspot

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



0084F2



B3DCFF



00F26D



526B80



000000



808080



# Same Dimension

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



0084F2



008BFF



000CF2



6C7278



0064B8



001F38



# Inverse Universe

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



F20084



FF008B



F2E600



786C72



B80064



38001F



# Previews

## White Background



This preview shows how the Hex color 0084F2 looks on a white background.

## Color Contrast Check

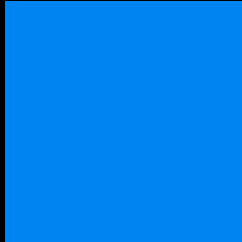
Large Text (above 18pt) WCAG AA ✓ Pass

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 0084F2 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

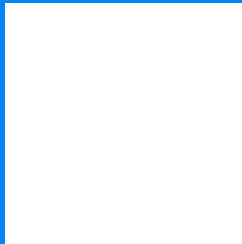
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0084F2 Background



This preview shows how black text looks on a background with the Hex color 0084F2.

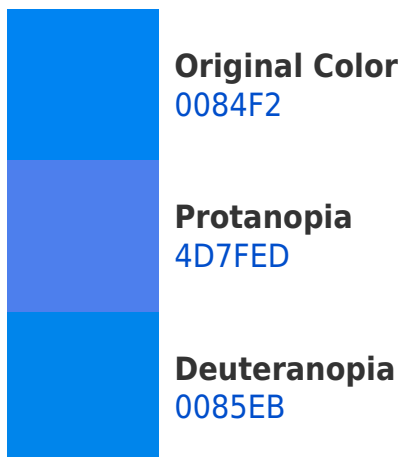


This preview shows how white text looks on a background with the Hex color 0084F2.

# 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](#).

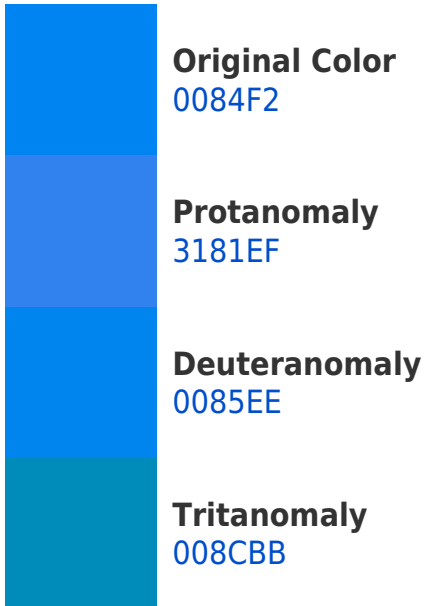
## Dichromacy





**Tritanopia**  
00919B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0084F2 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 #0084F2 looks like.

```
.text, #text, p{  
    color:#0084F2  
}
```

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 #0084F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0084F2
}
```

## Border

The CSS property to change the border of an element to Hex 0084F2 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
#0084F2 }
```

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

```
.border{ border-color:#0084F2 }
```

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

Here you see how a box with a 4 pixel #0084F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0084F2; -webkit-box-shadow:4px 4px  
4px 4px #0084F2; box-shadow:4px 4px 4px  
4px #0084F2 }
```

# Background

The CSS property to change the background color of an element to Hex 0084F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0084F2 }
```

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

```
.background{ background-color:#0084F2 }
```

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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