

Converting Colors

Hex(0080F3)

Have a look what the booklet for
Hex(0080F3) contains.

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Color

Hex(0080F3)

Conversions

Conversions Part 1

Format	Color
Hex	0080F3
RGB	0, 128, 243
RGB Percent	0%, 50%, 95%
CMY	1.0000, 0.4980, 0.0471
CMYK	1.00, 0.47, 0.00, 0.05
HSL	208°, 100%, 48%
HSV	208°, 100%, 95%
XYZ	23.8968, 21.9094, 87.7635
YIQ	102.8380, -113.2030, 8.6290

Conversions

Conversions Part 2

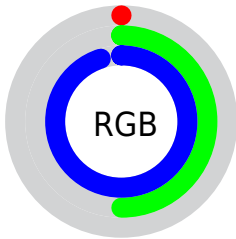
Format	Color
RYB	0, 84, 243
Decimal	33011
CIELab	53.93, 14.15, -65.56
CIELCh	54, 67.069, 282.180
Yxy	21.9094, 0.1789, 0.1640
Android (android.graphics.Color)	4278223091 (0xFF0080F3)
YUV	102.8380, 69.0999, -90.1889
Hunter-Lab	46.8075, 9.2173, -78.4028

Details

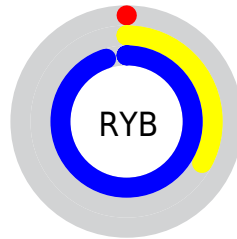
The Hex color **0080F3** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark saturated azure. A complement of this color would be **F37300**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **6DB4FF**, and **0050BA** is the 20% darker color. If you saturate the color by 10%, you get **0080F3**, and if you desaturate by 10%, it is **188CF3**.

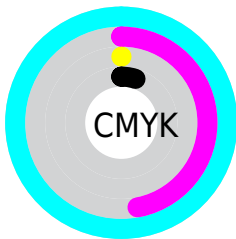
Distribution



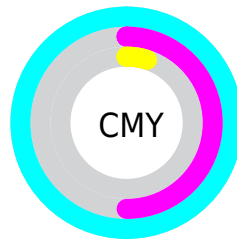
- Red (0%)
- Green (50%)
- Blue (95%)



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



- Cyan (100%)
- Magenta (47%)
- Yellow (0%)
- Black (5%)



- Cyan (100%)
- Magenta (50%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0080F3 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 0080F3 by changing the saturation by 10% instead.

 0080F3

 0080F3

FFFFFF

 0067D6

 6DB4FF

 0050BA

 8FCFFF

 003A9E

 AFEBFF

 002684

 CFFFFFF

 00136A

 EFFFFFF

 000B51

 000539

 000222

 000008

■ 0080F3

■ 188CF3

■ 3197F3

■ 49A3F3

■ 61AEF3

■ 79BAF3

■ 92C5F3

■ AAD0F3

■ C2DCF3

■ DBE7F3

Harmonies

Analogous

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



0091EF



0080F3



A066D7

Triad

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



0080F3



DA5735



00995B

Complementary

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



0080F3



F37300

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.



42921F



0080F3



B77100

Square

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



0080F3



E7416C



858600



009B98

Rectangle

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



0080F3



C952B8



858600



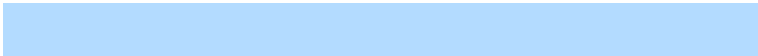
009747

Sweetspot

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



0080F3



B3DBFF



00F371



526A80



000000



808080

Same Dimension

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



0080F3



0086FF



0008F3



6E757A



0062BA



001F3B

Inverse Universe

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



F30080



FF0086



F3EB00



7A6E75



BA0062



3B001F

Previews

White Background



This preview shows how the Hex color 0080F3 looks on a white background.

Color Contrast Check

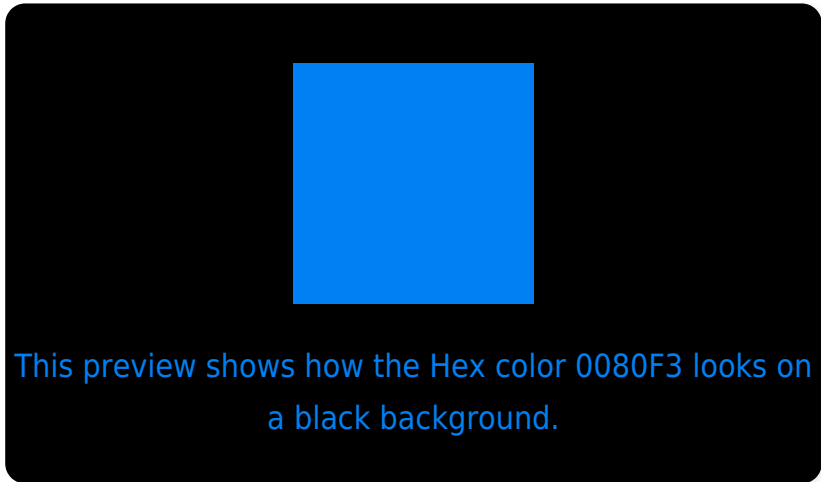
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

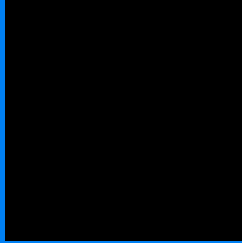
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

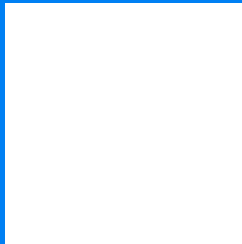
Any Text WCAG AAA × Fail

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

Hex 0080F3 Background



This preview shows how black text looks on a background with the Hex color 0080F3.



This preview shows how white text looks on a background with the Hex color 0080F3.

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
008F98

Trichromacy



Original Color
0080F3

Protanomaly
2B7DF0

Deuteranomaly
0082EA

Tritanomaly
008AB9

Monochromacy



Original Color
0080F3

Achromatopsia
676767

Achromatomaly
42709A

CSS Examples

Text

The CSS property to change the color of the text to Hex 0080F3 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 #0080F3 looks like.

```
.text, #text, p{  
    color:#0080F3  
}
```

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 #0080F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0080F3
}
```

Border

The CSS property to change the border of an element to Hex 0080F3 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
#0080F3 }
```

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

```
.border{ border-color:#0080F3 }
```

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

Here you see how a box with a 4 pixel #0080F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0080F3; -webkit-box-shadow:4px 4px  
4px 4px #0080F3; box-shadow:4px 4px 4px  
4px #0080F3 }
```

Background

The CSS property to change the background color of an element to Hex 0080F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0080F3 }
```

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

```
.background{ background-color:#0080F3 }
```

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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