

Converting Colors

Hex(0058F0)

Have a look what the booklet for
Hex(0058F0) contains.

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Color

Hex(0058F0)

Conversions

Conversions Part 1

Format	Color
Hex	0058F0
RGB	0, 88, 240
RGB Percent	0%, 35%, 94%
CMY	1.0000, 0.6549, 0.0588
CMYK	1.00, 0.63, 0.00, 0.06
HSL	218°, 100%, 47%
HSV	218°, 100%, 94%
XYZ	19.2179, 13.2707, 83.9867
YIQ	79.0160, -101.2400, 28.6160

Conversions

Conversions Part 2

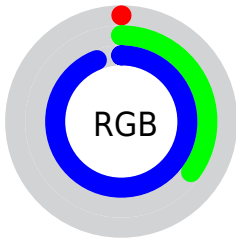
Format	Color
RYB	0, 64, 240
Decimal	22768
CIELab	43.17, 38.43, -81.41
CIELCh	43, 90.021, 295.272
Yxy	13.2707, 0.1650, 0.1139
Android (android.graphics.Color)	4278212848 (0xFF0058F0)
YUV	79.0160, 79.3651, -69.2970
Hunter-Lab	36.4290, 30.4159, -111.1922

Details

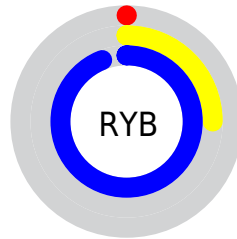
The Hex color **0058F0** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark saturated blue. A complement of this color would be **F09800**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **6F89FF**, and **002CB7** is the 20% darker color. If you saturate the color by 10%, you get **0058F0**, and if you desaturate by 10%, it is **1867F0**.

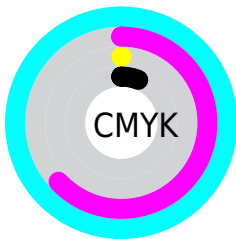
Distribution



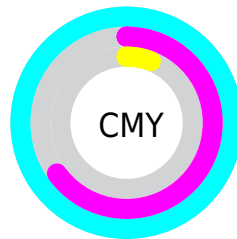
- Red (0%)
- Green (35%)
- Blue (94%)



- Red (0%)
- Yellow (25%)
- Blue (94%)



- Cyan (100%)
- Magenta (63%)
- Yellow (0%)
- Black (6%)



- Cyan (100%)
- Magenta (65%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0058F0 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 0058F0 by changing the saturation by 10% instead.

 0058F0

FFFFFF

 6F89FF

 91A3FF

 B1BEFF

 D1DAFF


 F1F7FF

 0058F0

 0041D3


 002CB7

 001A9B

 000780

 000A66

 000A4D

 000535

 00021F

 000002

 0058F0

 1867F0

 3076F0

 4886F0

 6095F0

 78A4F0

 90B3F0

 A8C2F0

 C0D2F0

 D8E1F0

Harmonies

Analogous

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



0075FE



0058F0



AF14BD

Triad

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



0058F0



BC3600



008158

Complementary

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



0058F0



F09800

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.



007D00



0058F0



876000

Square

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



0058F0



DC002D



3D7400



0083A4

Rectangle

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



0058F0



D3008E



3D7400



00803D

Sweetspot

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



0058F0



B3CFFF



00F098



526280



000000



808080

Same Dimension

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



0058F0



005EFF



2000F0



6C7078



0043B8



001538

Inverse Universe

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



F00058



FF005D



D0F000



786C70



B80043



380015

Previews

White Background



This preview shows how the Hex color 0058F0 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 0058F0 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 0058F0 Background



This preview shows how black text looks on a background with the Hex color 0058F0.



This preview shows how white text looks on a background with the Hex color 0058F0.

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
0058F0

Protanopia
0062CF

Deuteranopia
0068B1



Trichromacy



Original Color
0058F0

Protanomaly
005EDB

Deuteranomaly
0062C8

Tritanomaly
0068A3

Monochromacy



Original Color
0058F0

Achromatopsia
4F4F4F

Achromatomaly
32528A

CSS Examples

Text

The CSS property to change the color of the text to Hex 0058F0 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 #0058F0 looks like.

```
.text, #text, p{  
    color:#0058F0  
}
```

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 #0058F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0058F0
}
```

Border

The CSS property to change the border of an element to Hex 0058F0 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
#0058F0 }
```

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

```
.border{ border-color:#0058F0 }
```

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

Here you see how a box with a 4 pixel #0058F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0058F0; -webkit-box-shadow:4px 4px  
4px 4px #0058F0; box-shadow:4px 4px 4px  
4px #0058F0 }
```

Background

The CSS property to change the background color of an element to Hex 0058F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0058F0 }
```

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

```
.background{ background-color:#0058F0 }
```

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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