

Converting Colors

Hex(5070FB)

Have a look what the booklet for
Hex(5070FB) contains.

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Color

Hex(5070FB)

Conversions

Conversions Part 1

Format	Color
Hex	5070FB
RGB	80, 112, 251
RGB Percent	31%, 44%, 98%
CMY	0.6863, 0.5608, 0.0157
CMYK	0.68, 0.55, 0.00, 0.02
HSL	229°, 96%, 65%
HSV	229°, 68%, 98%
XYZ	26.5150, 20.2588, 93.7796
YIQ	118.2780, -63.6910, 36.4450

Conversions

Conversions Part 2

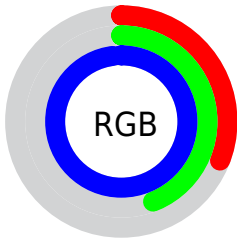
Format	Color
R _Y B	80, 107, 251
Decimal	5271803
CIE Lab	52.13, 33.05, -72.83
CIE LCh	52, 79.973, 294.407
Yxy	20.2588, 0.1886, 0.1441
Android (android.graphics.Color)	4283461883 (0xFF5070FB)
YUV	118.2780, 65.4319, -33.5698
Hunter-Lab	45.0098, 26.3861, -92.0260

Details

The Hex color **5070FB** is a light color, and the websafe version is hex **3366FF**. The color can be described as light muted azure. A complement of this color would be **FBDB50**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **93A3FF**, and **0041C1** is the 20% darker color. If you saturate the color by 10%, you get **375CFB**, and if you desaturate by 10%, it is **6984FB**.

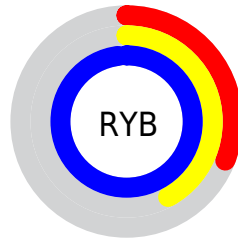
Distribution



Red (31%)

Green (44%)

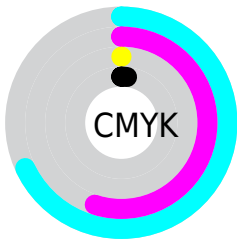
Blue (98%)



Red (31%)

Yellow (42%)

Blue (98%)

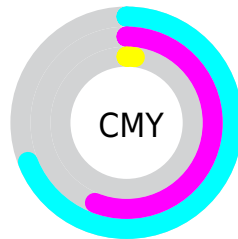


Cyan (68%)

Magenta (55%)

Yellow (0%)

Black (2%)



Cyan (69%)

Magenta (56%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5070FB 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 5070FB by changing the saturation by 10% instead.

■ 5070FB

■ 5070FB

FFFFFF

■ 2358DE

■ 93A3FF

■ 0041C1

■ B2BEFF

■ 002CA5

■ D1DAFF

■ 00198A

■ F0F7FF

■ 000270

■ 000C57

■ 00063E

■ 000327

■ 000111

■ 5070FB

■ 5070FB

■ 375CFB

■ 6984FB

■ 1E47FB

■ 8299FB

■ 0533FB

■ 9BADFB

■ 002FFB

■ B4C2FB

■ CDD6FB

■ E7EAFB

■ FFFFFB

Harmonies

Analogous

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



0089FF



5070FB



C048CD

Triad

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



5070FB



D35500



00986D

Complementary

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



5070FB



FBDB50

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.



009421



5070FB



A27500

Square

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



5070FB



EF2849



618900



0099B4

Rectangle

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



5070FB



E227A3



618900



009755

Sweetspot

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



5070FB



CCD6FF



50FBD9



616780



000000



808080

Same Dimension

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



5070FB



2E55FF



8350FB



70737D



0023BD



000B3D

Inverse Universe

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



FB5070



FF2E55



C8FB50



7D7073



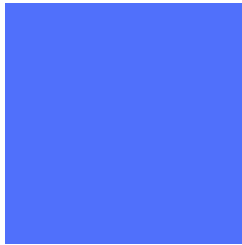
BD0023



3D000B

Previews

White Background



This preview shows how the Hex color 5070FB looks on a white background.

Color Contrast Check

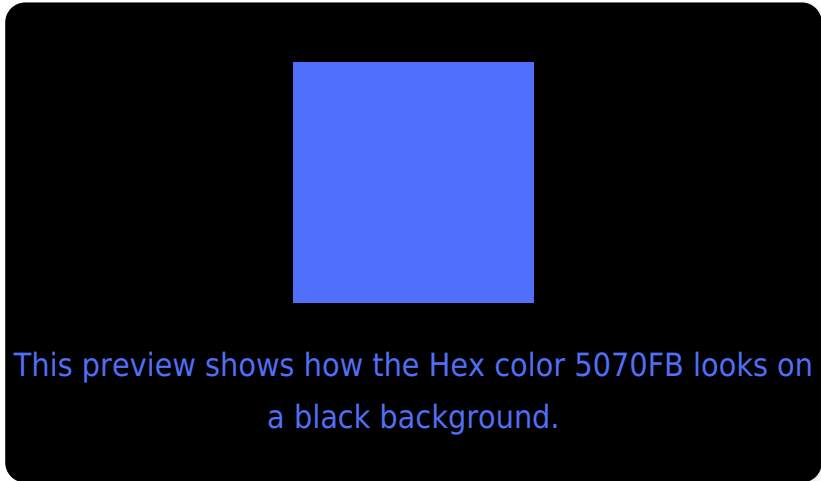
Large Text (above 18pt) WCAG AA ✓ Pass

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

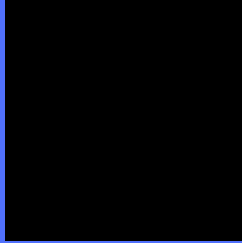
Any Text WCAG AA ✓ Pass

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 5070FB Background



This preview shows how black text looks on a background with the Hex color 5070FB.

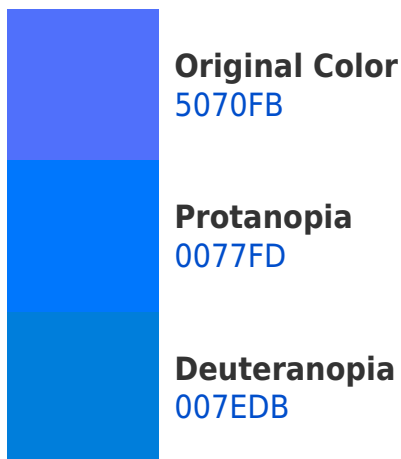


This preview shows how white text looks on a background with the Hex color 5070FB.

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](#).

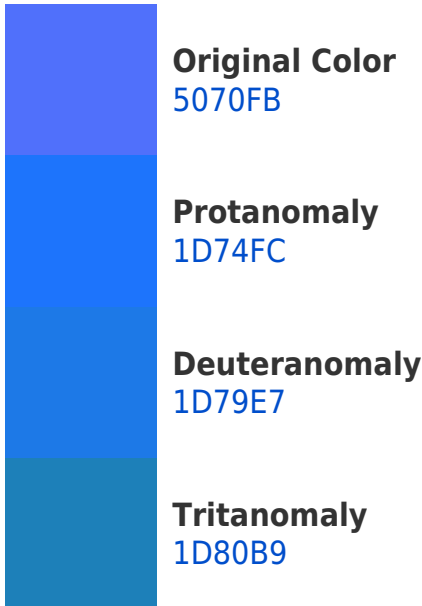
Dichromacy





Tritanopia
008994

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5070FB 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 #5070FB looks like.

```
.text, #text, p{  
    color:#5070FB  
}
```

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 #5070FB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5070FB
}
```

Border

The CSS property to change the border of an element to Hex 5070FB 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
#5070FB }
```

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

```
.border{ border-color:#5070FB }
```

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

Here you see how a box with a 4 pixel #5070FB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5070FB; -webkit-box-shadow:4px 4px  
4px 4px #5070FB; box-shadow:4px 4px 4px  
4px #5070FB }
```

Background

The CSS property to change the background color of an element to Hex 5070FB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5070FB }
```

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

```
.background{ background-color:#5070FB }
```

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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