

Converting Colors

Hex(5069FF)

Have a look what the booklet for
Hex(5069FF) contains.

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Color

Hex(5069FF)

Conversions

Conversions Part 1

Format	Color
Hex	5069FF
RGB	80, 105, 255
RGB Percent	31%, 41%, 100%
CMY	0.6863, 0.5882, 0.0000
CMYK	0.69, 0.59, 0.00, 0.00
HSL	231°, 100%, 66%
HSV	231°, 69%, 100%
XYZ	26.4098, 19.0286, 96.8887
YIQ	114.6250, -63.0500, 41.3500

Conversions

Conversions Part 2

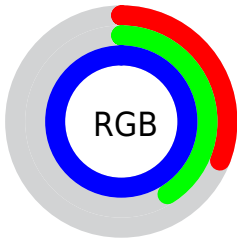
Format	Color
R _{YB}	80, 102, 255
Decimal	5270015
CIE _{Lab}	50.72, 38.68, -77.33
CIE _{LCh}	51, 86.468, 296.574
Yxy	19.0286, 0.1856, 0.1337
Android (android.graphics.Color)	4283460095 (0xFF5069FF)
YUV	114.6250, 69.2049, -30.3661
Hunter-Lab	43.6218, 31.7306, -101.1541

Details

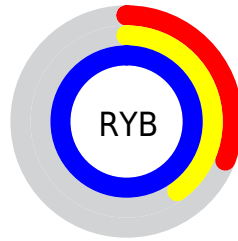
The Hex color **5069FF** is a dark color, and the websafe version is hex **3366FF**. The color can be described as middle muted azure. A complement of this color would be **FFE650**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **949CFF**, and **003AC5** is the 20% darker color. If you saturate the color by 10%, you get **3753FF**, and if you desaturate by 10%, it is **6A7FFF**.

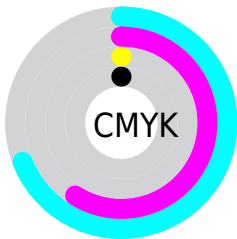
Distribution



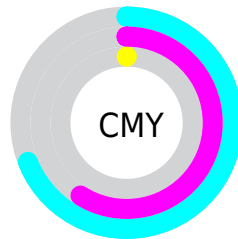
- Red (31%)
- Green (41%)
- Blue (100%)



- Red (31%)
- Yellow (40%)
- Blue (100%)



- Cyan (69%)
- Magenta (59%)
- Yellow (0%)
- Black (0%)



- Cyan (69%)
- Magenta (59%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5069FF 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 5069FF by changing the saturation by 10% instead.

 5069FF

 5069FF

FFFFFF

 2151E2

 949CFF

 003AC5

 B3B7FF

 0025A9

 D2D2FF

 00138E

 F2EFFF

 000073

 000D5A

 000741

 00032A

 000114

■ 5069FF

■ 5069FF

■ 3753FF

■ 6A7FFF

■ 1D3DFF

■ 8395FF

■ 0427FF

■ 9DABFF

■ 0024FF

■ B6C0FF

■ D0D6FF

■ E9ECFF

FFFFFF

Harmonies

Analogous

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



0086FF



5069FF



C637CB

Triad

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



5069FF



D05000



00966E

Complementary

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



5069FF



FFE650

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.



009119



5069FF



9A7300

Square

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



5069FF



F0053C



528700



0097B9

Rectangle

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



5069FF



E8009D



528700



009554

Sweetspot

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



5069FF



C9D1FF



50FFE5



606480



000000



808080

Same Dimension

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



5069FF



2E4CFF



8D50FF



737580



001BBF



000940

Inverse Universe

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



FF5069



FF2E4C



C2FF50



807375



BF001B



400009

Previews

White Background



This preview shows how the Hex color 5069FF looks on a white background.

Color Contrast Check

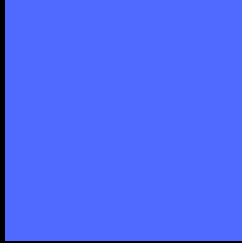
Large Text (above 18pt) WCAG AA ✓ Pass

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 5069FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

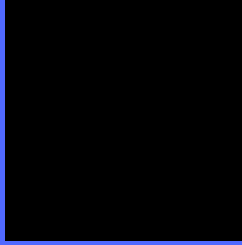
Any Text WCAG AA ✓ Pass

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 5069FF Background



This preview shows how black text looks on a background with the Hex color 5069FF.

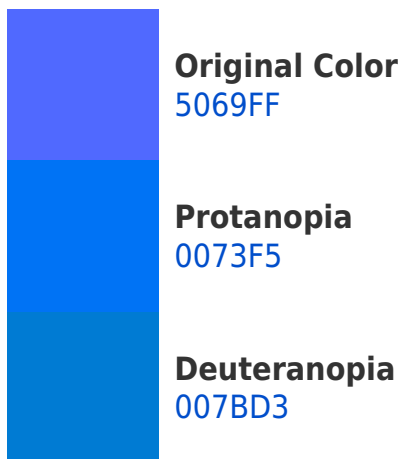


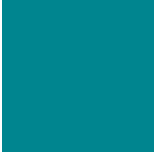
This preview shows how white text looks on a background with the Hex color 5069FF.

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](#).

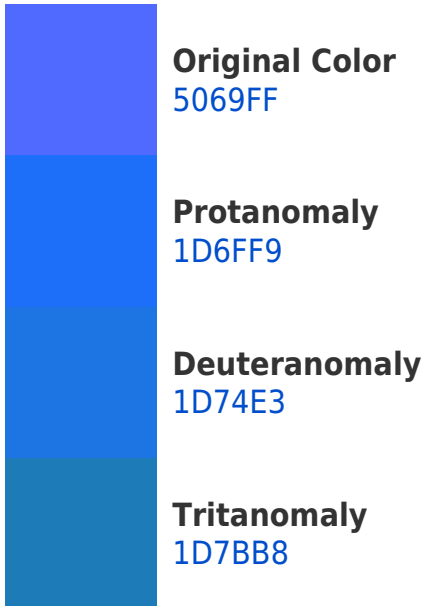
Dichromacy





Tritanopia
00858F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5069FF 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 #5069FF looks like.

```
.text, #text, p{  
    color:#5069FF  
}
```

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 #5069FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5069FF
}
```

Border

The CSS property to change the border of an element to Hex 5069FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

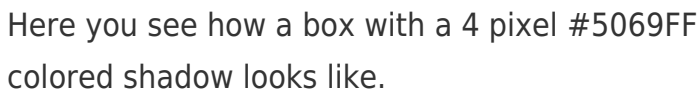
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5069FF }
```

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

```
.border{ border-color:#5069FF }
```

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



Here you see how a box with a 4 pixel #5069FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5069FF; -webkit-box-shadow:4px 4px  
4px 4px #5069FF; box-shadow:4px 4px 4px  
4px #5069FF }
```

Background

The CSS property to change the background color of an element to Hex 5069FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5069FF }
```

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

```
.background{ background-color:#5069FF }
```

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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