

Converting Colors

Hex(5078FF)

Have a look what the booklet for
Hex(5078FF) contains.

Hex(5078FF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5078FF)

Conversions

Conversions Part 1

Format	Color
Hex	5078FF
RGB	80, 120, 255
RGB Percent	31%, 47%, 100%
CMY	0.6863, 0.5294, 0.0000
CMYK	0.69, 0.53, 0.00, 0.00
HSL	226°, 100%, 66%
HSV	226°, 69%, 100%
XYZ	28.0747, 22.3584, 97.4436
YIQ	123.4300, -67.1750, 33.5050

Conversions

Conversions Part 2

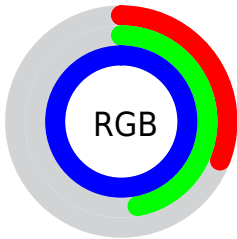
Format	Color
R _Y B	80, 113, 255
Decimal	5273855
CIE Lab	54.41, 29.52, -71.35
CIE LCh	54, 77.212, 292.476
Yxy	22.3584, 0.1899, 0.1512
Android (android.graphics.Color)	4283463935 (0xFF5078FF)
YUV	123.4300, 64.8640, -38.0881
Hunter-Lab	47.2847, 23.2341, -89.0848

Details

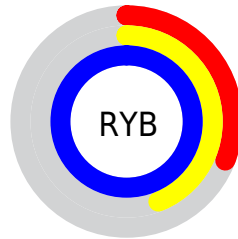
The Hex color **5078FF** is a light color, and the websafe version is hex **3366FF**. The color can be described as light muted azure. A complement of this color would be **FFD750**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **93ACFF**, and **0048C5** is the 20% darker color. If you saturate the color by 10%, you get **3764FF**, and if you desaturate by 10%, it is **6A8CFF**.

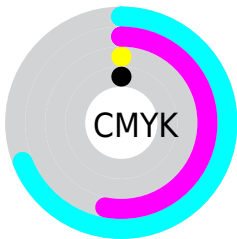
Distribution



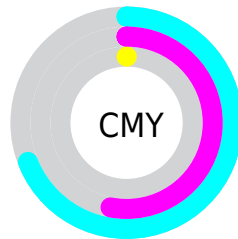
- Red (31%)
- Green (47%)
- Blue (100%)



- Red (31%)
- Yellow (44%)
- Blue (100%)



- Cyan (69%)
- Magenta (53%)
- Yellow (0%)
- Black (0%)



- Cyan (69%)
- Magenta (53%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5078FF 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 5078FF by changing the saturation by 10% instead.

 5078FF

 5078FF

FFFFFF

 2360E2

 93ACFF

 0048C5

 B2C7FF

 0033A9

 D1E3FF

 001F8E

 F0FFFF

 000D74

 00095A

 000742

 00032B

 000115

■ 5078FF

■ 5078FF

■ 3764FF

■ 6A8CFF

■ 1D51FF

■ 839FFF

■ 043DFF

■ 9DB3FF

■ 003AFF

■ B6C7FF

■ D0DAFF

■ E9EEFF

FFFFFF

Harmonies

Analogous

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



0090FF



5078FF



C054D5

Triad

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



5078FF



DA5A0D



009E6F

Complementary

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



5078FF



FFD750

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.



009926



5078FF



AC7900

Square

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



5078FF



F43554



6E8E00



009FB4

Rectangle

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



5078FF



E439AC



6E8E00



009D57

Sweetspot

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



5078FF



C9D6FF



50FFD6



606780



000000



808080

Same Dimension

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



5078FF



2E5EFF



7F50FF



737680



002CBF



000F40

Inverse Universe

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



FF5078



FF2E5E



D0FF50



807376



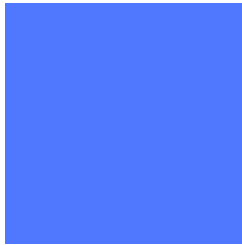
BF002C



40000F

Previews

White Background



This preview shows how the Hex color 5078FF looks on a white background.

Color Contrast Check

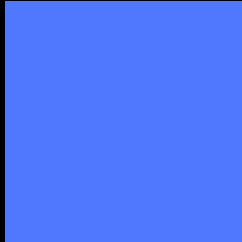
Large Text (above 18pt) WCAG AA ✓ Pass

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 5078FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

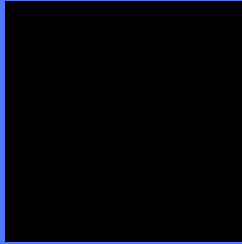
Any Text WCAG AA ✓ Pass

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 5078FF Background



This preview shows how black text looks on a background with the Hex color 5078FF.



This preview shows how white text looks on a background with the Hex color 5078FF.

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
5078FF

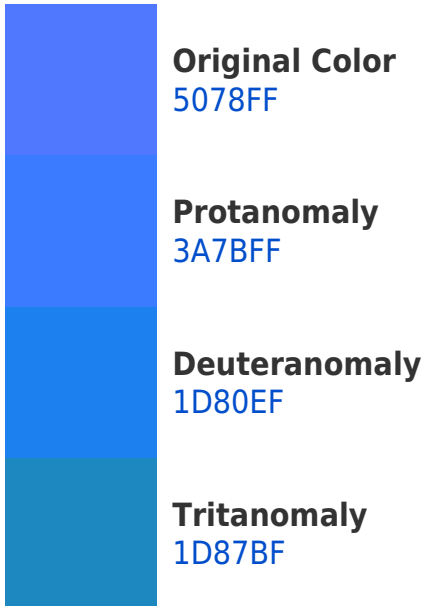
Protanopia
2E7DFE

Deuteranopia
0084E6

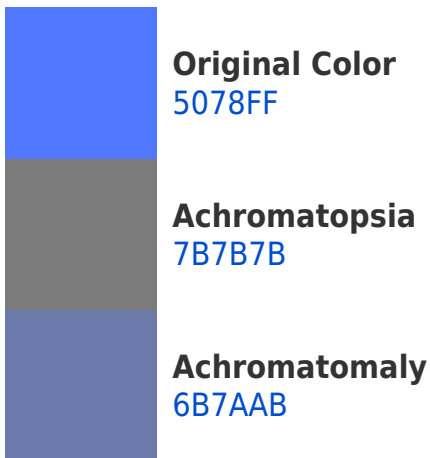


Tritanopia
00909B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5078FF 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 #5078FF looks like.

```
.text, #text, p{  
    color:#5078FF  
}
```

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 #5078FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5078FF
}
```

Border

The CSS property to change the border of an element to Hex 5078FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

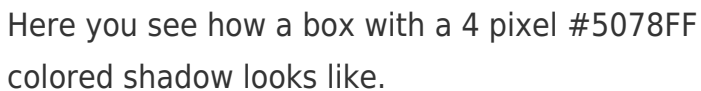
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5078FF }
```

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

```
.border{ border-color:#5078FF }
```

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



Here you see how a box with a 4 pixel #5078FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5078FF; -webkit-box-shadow:4px 4px  
4px 4px #5078FF; box-shadow:4px 4px 4px  
4px #5078FF }
```

Background

The CSS property to change the background color of an element to Hex 5078FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5078FF }
```

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

```
.background{ background-color:#5078FF }
```

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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