

Converting Colors

Hex(578BFF)

Have a look what the booklet for
Hex(578BFF) contains.

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Color

Hex(578BFF)

Conversions

Conversions Part 1

Format	Color
Hex	578BFF
RGB	87, 139, 255
RGB Percent	34%, 55%, 100%
CMY	0.6588, 0.4549, 0.0000
CMYK	0.66, 0.45, 0.00, 0.00
HSL	221°, 100%, 67%
HSV	221°, 66%, 100%
XYZ	31.2131, 27.7115, 98.3115
YIQ	136.6760, -68.2280, 25.0520

Conversions

Conversions Part 2

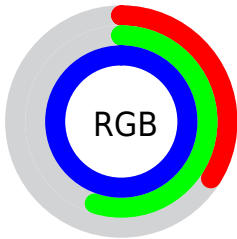
Format	Color
R _Y B	87, 127, 255
Decimal	5737471
CIE Lab	59.63, 18.98, -62.91
CIE LCh	60, 65.715, 286.789
Yxy	27.7115, 0.1985, 0.1762
Android (android.graphics.Color)	4283927551 (0xFF578BFF)
YUV	136.6760, 58.3337, -43.5659
Hunter-Lab	52.6417, 13.7159, -73.8784

Details

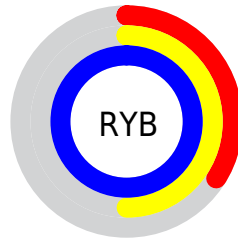
The Hex color **578BFF** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **FFCB57**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **98C0FF**, and **005AC5** is the 20% darker color. If you saturate the color by 10%, you get **3E79FF**, and if you desaturate by 10%, it is **719DFF**.

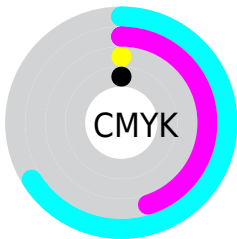
Distribution



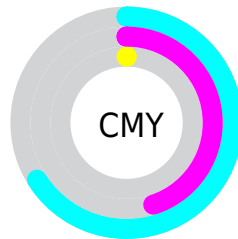
- Red (34%)
- Green (55%)
- Blue (100%)



- Red (34%)
- Yellow (50%)
- Blue (100%)



- Cyan (66%)
- Magenta (45%)
- Yellow (0%)
- Black (0%)



- Cyan (66%)
- Magenta (45%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 578BFF 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 578BFF by changing the saturation by 10% instead.

 578BFF

 578BFF

FFFFFF

 3072E2

 98C0FF

 005AC5

 B6DCFF

 0043AA

 D5F8FF

 002E8F

 F4FFFF

 001B74

 00005B

 000742

 00032B

 000116

■ 578BFF

■ 578BFF

■ 3E79FF

■ 719DFF

■ 2468FF

■ 8AAEFF

■ 0B56FF

■ A4C0FF

■ 004FFF

■ BDD1FF

■ D7E3FF

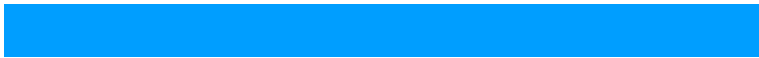
■ F0F5FF

FFFFFF

Harmonies

Analogous

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



009EFF



578BFF



BB71E0

Triad

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



578BFF



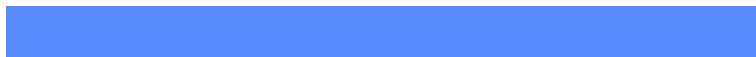
E66B3C



00A973

Complementary

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



578BFF



FFC057

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.



46A33A



578BFF



C18408

Square

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



578BFF



F75772



8D9700



00AAAF

Rectangle

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



578BFF



DF60BE



8D9700



00A75F

Sweetspot

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



578BFF



CCDCFF



57FFCA



616A80



000000



808080

Same Dimension

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



578BFF



3674FF



7657FF



737780



003BBF



001440

Inverse Universe

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



FF578B



FF3674



E0FF57



807377



BF003B



400014

Previews

White Background



This preview shows how the Hex color 578BFF looks on a white background.

Color Contrast Check

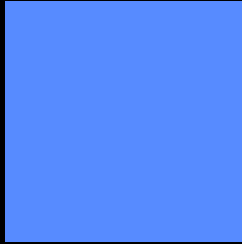
Large Text (above 18pt) WCAG AA ✓ Pass

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 578BFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

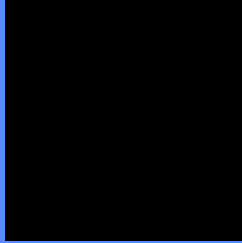
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

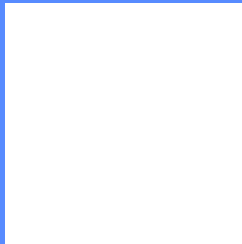
Any Text WCAG AAA × Fail

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

Hex 578BFF Background



This preview shows how black text looks on a background with the Hex color 578BFF.



This preview shows how white text looks on a background with the Hex color 578BFF.

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](#).

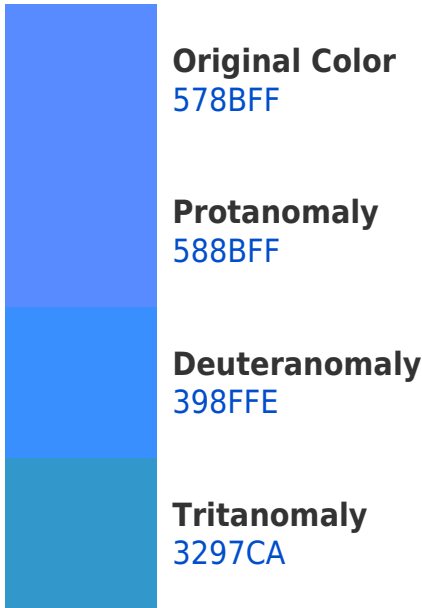
Dichromacy





Tritanopia
1D9EAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 578BFF 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 #578BFF looks like.

```
.text, #text, p{  
    color:#578BFF  
}
```

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 #578BFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #578BFF
}
```

Border

The CSS property to change the border of an element to Hex 578BFF 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
#578BFF }
```

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

```
.border{ border-color:#578BFF }
```

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

Here you see how a box with a 4 pixel #578BFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #578BFF; -webkit-box-shadow:4px 4px  
4px 4px #578BFF; box-shadow:4px 4px 4px  
4px #578BFF }
```

Background

The CSS property to change the background color of an element to Hex 578BFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#578BFF }
```

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

```
.background{ background-color:#578BFF }
```

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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