

# Converting Colors

Hex(548BFF)

Have a look what the booklet for  
Hex(548BFF) contains.

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# **Color**

**Hex(548BFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	548BFF
RGB	84, 139, 255
RGB Percent	33%, 55%, 100%
CMY	0.6706, 0.4549, 0.0000
CMYK	0.67, 0.45, 0.00, 0.00
HSL	221°, 100%, 66%
HSV	221°, 67%, 100%
XYZ	30.9388, 27.5701, 98.2986
YIQ	135.7790, -70.0160, 24.4160

# Conversions

## Conversions Part 2

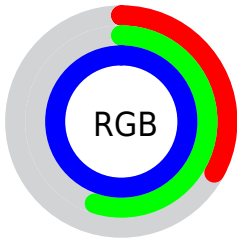
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	84, 126, 255
Decimal	5540863
CIE Lab	59.50, 18.52, -63.13
CIE LCh	59, 65.789, 286.353
Yxy	27.5701, 0.1973, 0.1758
Android (android.graphics.Color)	4283730943 (0xFF548BFF)
YUV	135.7790, 58.7760, -45.4102
Hunter-Lab	52.5072, 13.2898, -74.2417

# Details

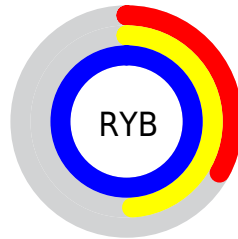
The Hex color **548BFF** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **FFC854**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **95C0FF**, and **005AC5** is the 20% darker color. If you saturate the color by 10%, you get **3A7AFF**, and if you desaturate by 10%, it is **6D9CFF**.

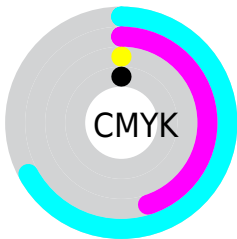
# Distribution



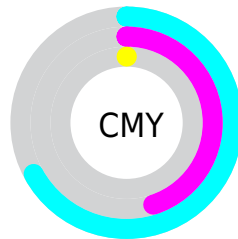
- Red (33%)
- Green (55%)
- Blue (100%)



- Red (33%)
- Yellow (49%)
- Blue (100%)



- Cyan (67%)
- Magenta (45%)
- Yellow (0%)
- Black (0%)



- Cyan (67%)
- Magenta (45%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 548BFF 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 548BFF by changing the saturation by 10% instead.



 548BFF

 548BFF

FFFFFF

 2B72E2

 95C0FF

 005AC5

 B4DCFF

 0043AA

 D3F8FF

 002E8F

 F2FFFF

 001B74

 00015B

 000742

 00032B

 000116

■ 548BFF

■ 548BFF

■ 3A7AFF

■ 6D9CFF

■ 2168FF

■ 87AEFF

■ 0857FF

■ A1BFFF

■ 0052FF

■ BAD0FF

■ D3E1FF

■ EDF3FF

FFFFFF

# Harmonies

## Analogous

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



009DFF



548BFF



B971E0

# Triad

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



548BFF



E66A3D



00A872

# Complementary

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



548BFF



FFC854

# 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.



47A239



548BFF



C18308

# Square

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



548BFF



F75672



8D9600



00AAAE

# Rectangle

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



548BFF



DE60BF



8D9600



00A75E



# Sweetspot

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



548BFF



CCDCFF



54FFC6



616B80



000000



808080



# Same Dimension

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



548BFF



3375FF



7054FF



737780



003EBF



001540



# Inverse Universe

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



FF548B



FF3375



E3FF54



807377



BF003E



400015



# Previews

## White Background



This preview shows how the Hex color 548BFF looks on a white background.

## Color Contrast Check

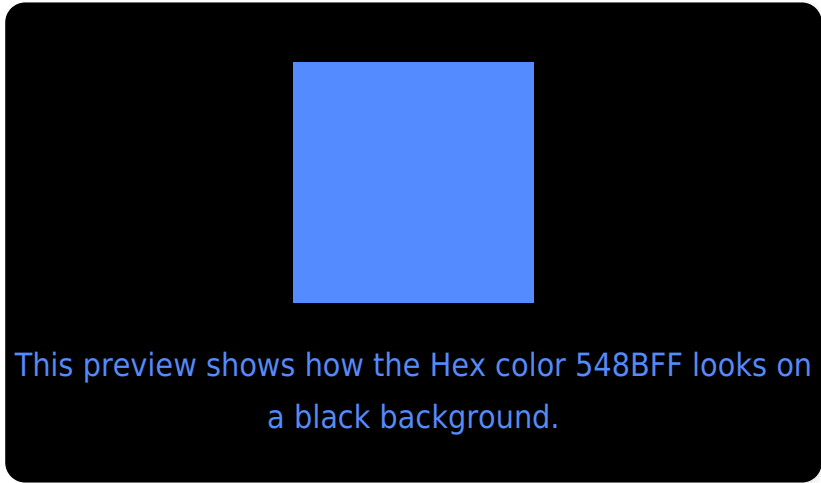
Large Text (above 18pt) WCAG AA ✓ Pass

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

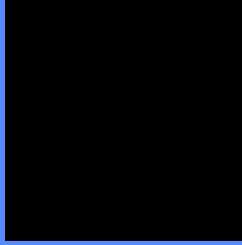
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

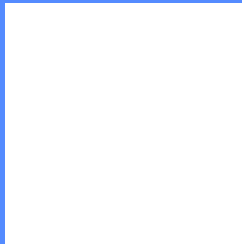
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 548BFF Background



This preview shows how black text looks on a background with the Hex color 548BFF.



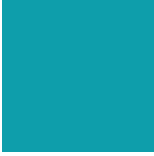
This preview shows how white text looks on a background with the Hex color 548BFF.

# 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](#).

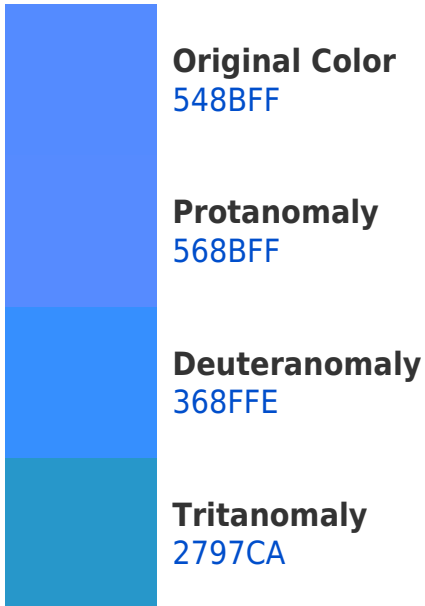
## Dichromacy





**Tritanopia**  
0E9EAB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 548BFF 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 #548BFF looks like.

```
.text, #text, p{  
    color:#548BFF  
}
```

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 #548BFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #548BFF
}
```

## Border

The CSS property to change the border of an element to Hex 548BFF 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
#548BFF }
```

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

```
.border{ border-color:#548BFF }
```

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

Here you see how a box with a 4 pixel #548BFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #548BFF; -webkit-box-shadow:4px 4px  
4px 4px #548BFF; box-shadow:4px 4px 4px  
4px #548BFF }
```

# Background

The CSS property to change the background color of an element to Hex 548BFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#548BFF }
```

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

```
.background{ background-color:#548BFF }
```

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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