

# Converting Colors

Hex(5A8BF0)

Have a look what the booklet for  
Hex(5A8BF0) contains.

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# **Color**

**Hex(5A8BF0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5A8BF0
RGB	90, 139, 240
RGB Percent	35%, 55%, 94%
CMY	0.6471, 0.4549, 0.0588
CMYK	0.62, 0.42, 0.00, 0.06
HSL	220°, 83%, 65%
HSV	220°, 62%, 94%
XYZ	29.1772, 26.9302, 86.0983
YIQ	135.8630, -61.6250, 21.0230

# Conversions

## Conversions Part 2

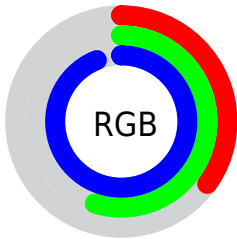
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	90, 127, 240
Decimal	5934064
CIE Lab	58.91, 14.41, -55.79
CIE LCh	59, 57.620, 284.478
Yxy	26.9302, 0.2052, 0.1894
Android (android.graphics.Color)	4284124144 (0xFF5A8BF0)
YUV	135.8630, 51.3395, -40.2219
Hunter-Lab	51.8943, 9.5455, -62.0426

# Details

The Hex color **5A8BF0** 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 **F0BF5A**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **98C0FF**, and **005AB7** is the 20% darker color. If you saturate the color by 10%, you get **427BF0**, and if you desaturate by 10%, it is **729BF0**.

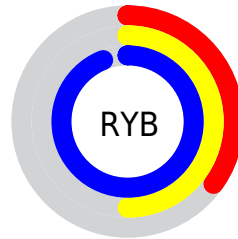
# Distribution



Red (35%)

Green (55%)

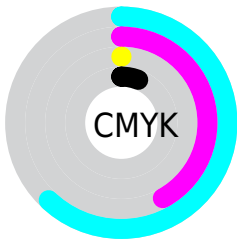
Blue (94%)



Red (35%)

Yellow (50%)

Blue (94%)

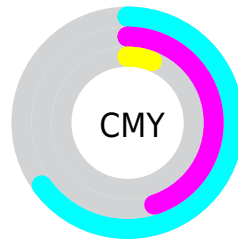


Cyan (62%)

Magenta (42%)

Yellow (0%)

Black (6%)



Cyan (65%)

Magenta (45%)

Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5A8BF0 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 5A8BF0 by changing the saturation by 10% instead.



 5A8BF0

 5A8BF0

FFFFFF

 3772D3


 98C0FF

 005AB7

 B6DCFF

 00439C


 D4F8FF

 002E81

 F2FFFF

 001B68

 00034F

 000537

 000221

 000005

 5A8BF0

 5A8BF0

 427BF0

 729BF0

 2A6BF0

 8AABF0

 125BF0

 A2BBF0

 004EF0

 BACCF0

 D2DCF0

 EAECF0

 FFFCF0

 FFFFF0

# Harmonies

## Analogous

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



009BEF



5A8BF0



B076D6

# Triad

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



5A8BF0



DE6D49



00A471

# Complementary

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



5A8BF0



F0BF5A

# 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.



579E41



5A8BF0



BE8225

# Square

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



5A8BF0



EA5F77



919320



00A6A5

# Rectangle

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



5A8BF0



D168BA



919320



00A360



# Sweetspot

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



5A8BF0



CFDEFF



5AF0BE



626C80



000000



808080



# Same Dimension

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



5A8BF0



407EFF



735AF0



6C7078



003CB8



001238



# Inverse Universe

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



F05A8B



FF407E



D7F05A



786C70



B8003C

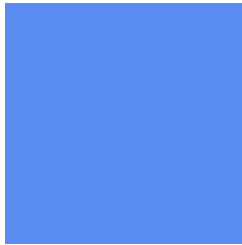


380012



# Previews

## White Background



This preview shows how the Hex color 5A8BF0 looks on a white background.

## Color Contrast Check

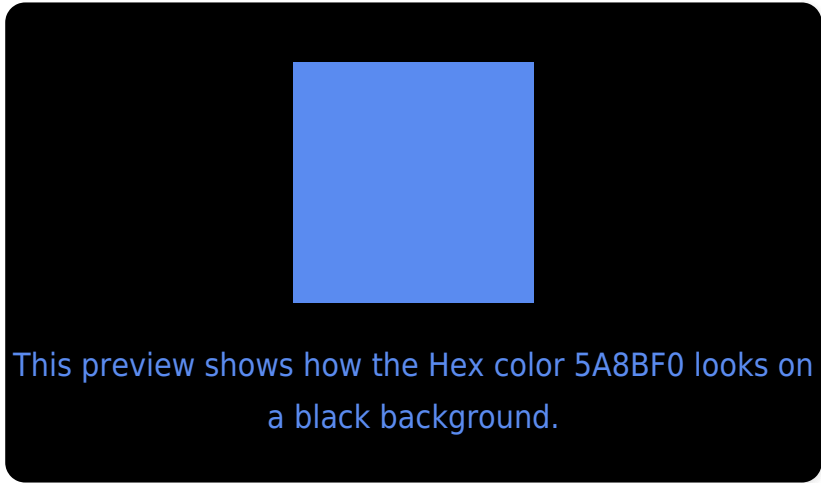
Large Text (above 18pt) WCAG AA ✓ Pass

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

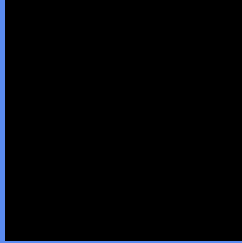
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

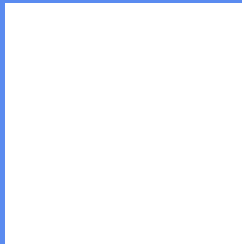
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5A8BF0 Background



This preview shows how black text looks on a background with the Hex color 5A8BF0.



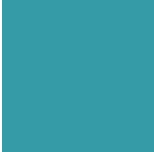
This preview shows how white text looks on a background with the Hex color 5A8BF0.

# 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](#).

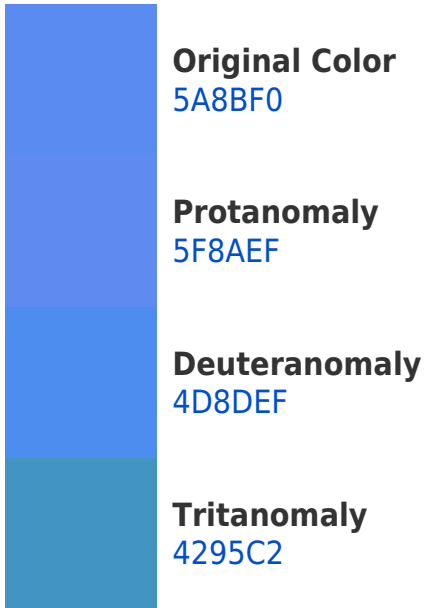
## Dichromacy





**Tritanopia**  
359BA7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5A8BF0 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 #5A8BF0 looks like.

```
.text, #text, p{  
    color:#5A8BF0  
}
```

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 #5A8BF0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A8BF0  
}
```

## Border

The CSS property to change the border of an element to Hex 5A8BF0 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  
#5A8BF0 }
```

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

```
.border{ border-color:#5A8BF0 }
```

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

Here you see how a box with a 4 pixel #5A8BF0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A8BF0; -webkit-box-shadow:4px 4px  
4px 4px #5A8BF0; box-shadow:4px 4px 4px  
4px #5A8BF0 }
```

# Background

The CSS property to change the background color of an element to Hex 5A8BF0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A8BF0 }
```

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

```
.background{ background-color:#5A8BF0 }
```

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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