

# Converting Colors

Hex(548EE9)

Have a look what the booklet for  
Hex(548EE9) contains.

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# **Color**

**Hex(548EE9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	548EE9
RGB	84, 142, 233
RGB Percent	33%, 56%, 91%
CMY	0.6706, 0.4431, 0.0863
CMYK	0.64, 0.39, 0.00, 0.09
HSL	217°, 77%, 62%
HSV	217°, 64%, 91%
XYZ	28.0371, 27.1140, 80.8466
YIQ	135.0320, -63.7790, 16.0050

# Conversions

## Conversions Part 2

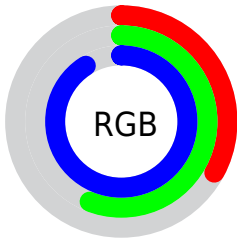
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	84, 126, 233
Decimal	5541609
CIE <sub>Lab</sub>	59.08, 9.22, -51.66
CIE <sub>LCh</sub>	59, 52.474, 280.120
Yxy	27.1140, 0.2062, 0.1994
Android (android.graphics.Color)	4283731689 (0xFF548EE9)
YUV	135.0320, 48.2982, -44.7551
Hunter-Lab	52.0711, 4.9870, -55.6050

# Details

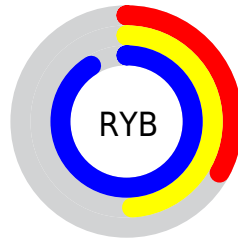
The Hex color **548EE9** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **E9AF54**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **92C3FF**, and **005CB1** is the 20% darker color. If you saturate the color by 10%, you get **3D80E9**, and if you desaturate by 10%, it is **6B9CE9**.

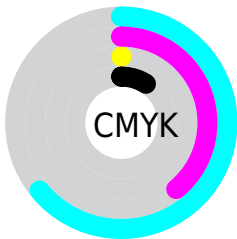
# Distribution



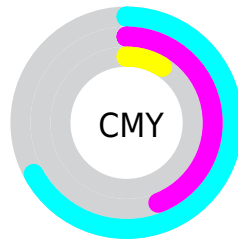
- Red (33%)
- Green (56%)
- Blue (91%)



- Red (33%)
- Yellow (49%)
- Blue (91%)



- Cyan (64%)
- Magenta (39%)
- Yellow (0%)
- Black (9%)



- Cyan (67%)
- Magenta (44%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 548EE9 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 548EE9 by changing the saturation by 10% instead.



■ 548EE9

■ 548EE9

FFFFFF

■ 3075CD

■ 92C3FF

■ 005CB1

■ B0DFFF

■ 004596

■ CEFCFF

■ 00307B

■ ECFFFF

■ 001C62

■ 000549

■ 000432

■ 00011C

■ 000000

■ 548EE9

■ 548EE9

■ 3D80E9

■ 6B9CE9

■ 2572E9

■ 83AAE9

■ 0E63E9

■ 9AB9E9

■ 005BE9

■ B1C7E9

■ C9D5E9

■ E0E3E9

■ F7F2E9

■ FFFFE9

# Harmonies

## Analogous

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



009CE4



548EE9



A57BD5

# Triad

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



548EE9



DB6F55



00A36D

# Complementary

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



548EE9



E9AF54

# 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.



679C44



548EE9



C08135

# Square

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



548EE9



E36580



99912C



00A59D

# Rectangle

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



548EE9



C66FBD



99912C



37A15E



# Sweetspot

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



548EE9



CFE1FF



54E9AD



626E80



000000



808080



# Same Dimension

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



548EE9



3B87FF



6354E9



6A6E75



0046B5



001536



# Inverse Universe

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



E9548E



FF3B87



DAE954



756A6E



B50046

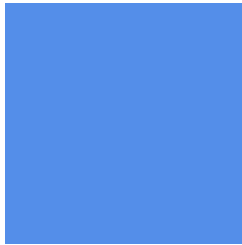


360015



# Previews

## White Background



This preview shows how the Hex color 548EE9 looks on a white background.

## Color Contrast Check

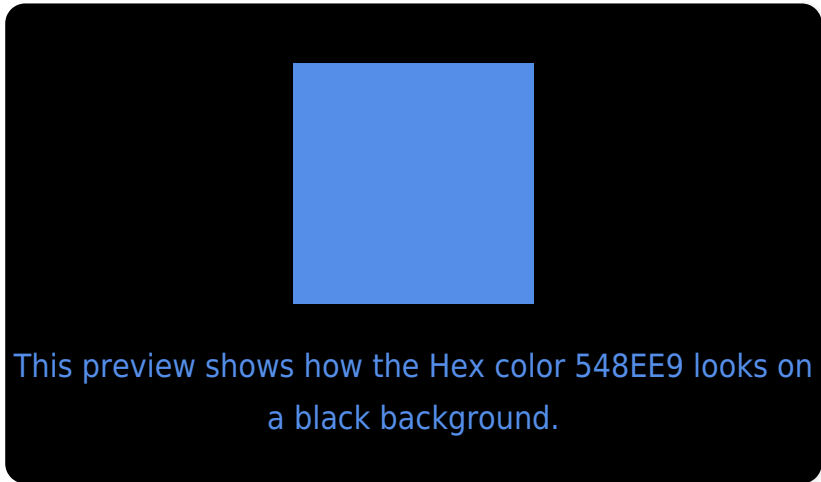
Large Text (above 18pt) WCAG AA ✓ Pass

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

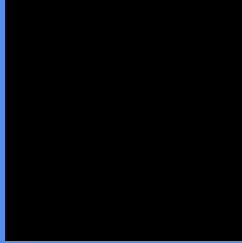
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

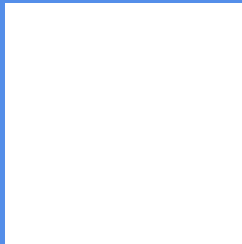
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 548EE9 Background



This preview shows how black text looks on a background with the Hex color 548EE9.

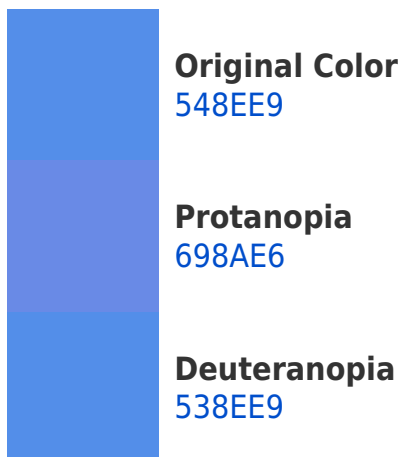


This preview shows how white text looks on a background with the Hex color 548EE9.

# 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](#).

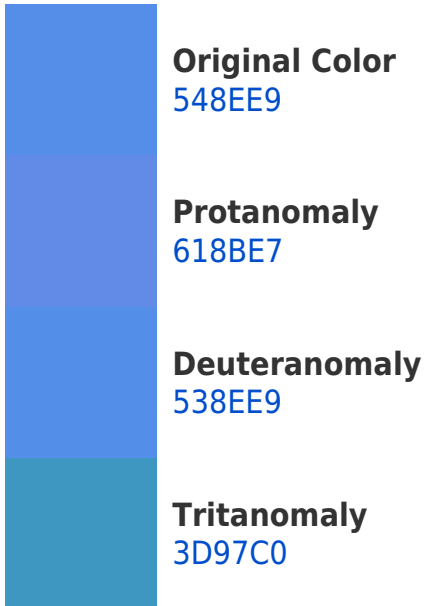
## Dichromacy



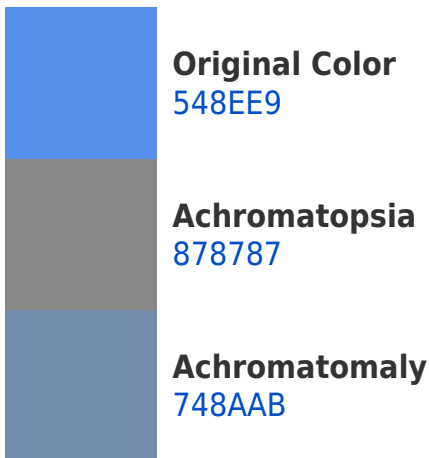


**Tritanopia**  
309CA8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 548EE9 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 #548EE9 looks like.

```
.text, #text, p{  
    color:#548EE9  
}
```

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 #548EE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #548EE9
}
```

## Border

The CSS property to change the border of an element to Hex 548EE9 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
#548EE9 }
```

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

```
.border{ border-color:#548EE9 }
```

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

Here you see how a box with a 4 pixel #548EE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #548EE9; -webkit-box-shadow:4px 4px  
4px 4px #548EE9; box-shadow:4px 4px 4px  
4px #548EE9 }
```

# Background

The CSS property to change the background color of an element to Hex 548EE9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#548EE9 }
```

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

```
.background{ background-color:#548EE9 }
```

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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