

# Converting Colors

Hex(5C88EE)

Have a look what the booklet for  
Hex(5C88EE) contains.

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# **Color**

**Hex(5C88EE)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 5C88EE                      |
| RGB         | 92, 136, 238                |
| RGB Percent | 36%, 53%, 93%               |
| CMY         | 0.6392, 0.4667, 0.0667      |
| CMYK        | 0.61, 0.43, 0.00, 0.07      |
| HSL         | 222°, 81%, 65%              |
| HSV         | 222°, 61%, 93%              |
| XYZ         | 28.6504, 26.0567, 84.4083   |
| YIQ         | 134.4720, -58.9660, 22.3940 |

# Conversions

## Conversions Part 2

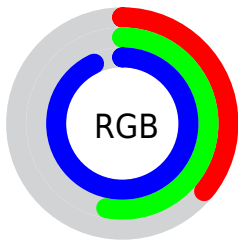
| Format                              | Color                          |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 92, 126, 238                   |
| Decimal                             | 6064366                        |
| CIE Lab                             | 58.09, 15.89, -55.98           |
| CIE LCh                             | 58, 58.196, 285.848            |
| Yxy                                 | 26.0567, 0.2059,<br>0.1873     |
| Android<br>(android.graphics.Color) | 4284254446<br>(0xFF5C88EE)     |
| YUV                                 | 134.4720, 51.0393,<br>-37.2479 |
| Hunter-Lab                          | 51.0457, 10.8565,<br>-62.3089  |

# Details

The Hex color **5C88EE** 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 **EEC25C**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **99BDFF**, and **0057B5** is the 20% darker color. If you saturate the color by 10%, you get **4477EE**, and if you desaturate by 10%, it is **7499EE**.

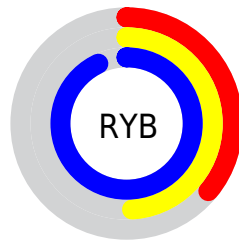
# Distribution



Red (36%)

Green (53%)

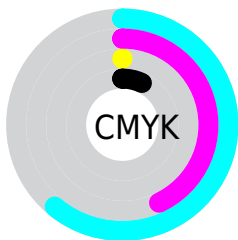
Blue (93%)



Red (36%)

Yellow (49%)

Blue (93%)

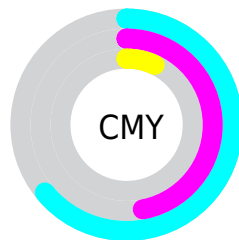


Cyan (61%)

Magenta (43%)

Yellow (0%)

Black (7%)



Cyan (64%)

Magenta (47%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5C88EE 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 5C88EE by changing the saturation by 10% instead.



■ 5C88EE

■ 5C88EE

FFFFFF

■ 3A6FD1

■ 99BDFF

■ 0057B5

■ B7D9FF

■ 00409A

■ D5F5FF

■ 002B80

■ F3FFFF

■ 001866

■ 00044D

■ 000535

■ 00021F

■ 000002

■ 5C88EE

■ 5C88EE

■ 4477EE

■ 7499EE

■ 2C67EE

■ 8CA9EE

■ 1556EE

■ A3BAEE

■ 0048EE

■ BBCBEE

■ D3DBEE

■ EBEC EE

■ FFFCEE

■ FFFFEE

# Harmonies

## Analogous

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



0098EE



5C88EE



B072D3

# Triad

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



5C88EE



DB6C44



00A271

# Complementary

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



5C88EE



EEC25C

# 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.



519D40



5C88EE



BA8020

# Square

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



5C88EE



E85C73



8C911C



00A4A6

# Rectangle

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



5C88EE



D164B6



8C911C



00A160



# Sweetspot

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



5C88EE



D1DFFF



5CEEC0



636C80



000000



808080



# Same Dimension

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



5C88EE



427BFF



775CEE



6C6F78



0037B8



001138



# Inverse Universe

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



EE5C88



FF427B



D3EE5C



786C6F



B80037

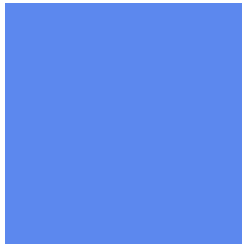


380011



# Previews

## White Background



This preview shows how the Hex color 5C88EE looks on a white background.

## Color Contrast Check

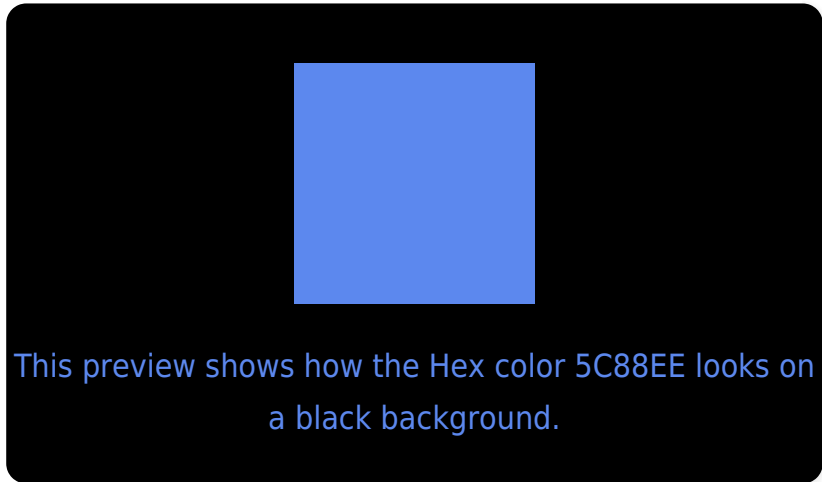
Large Text (above 18pt) WCAG AA ✓ Pass

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

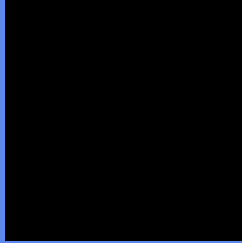
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 5C88EE Background



This preview shows how black text looks on a background with the Hex color 5C88EE.

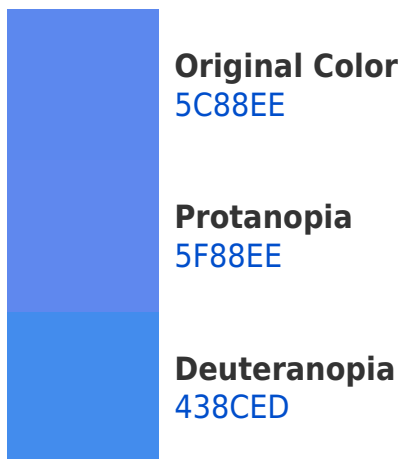


This preview shows how white text looks on a background with the Hex color 5C88EE.

# 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](#).

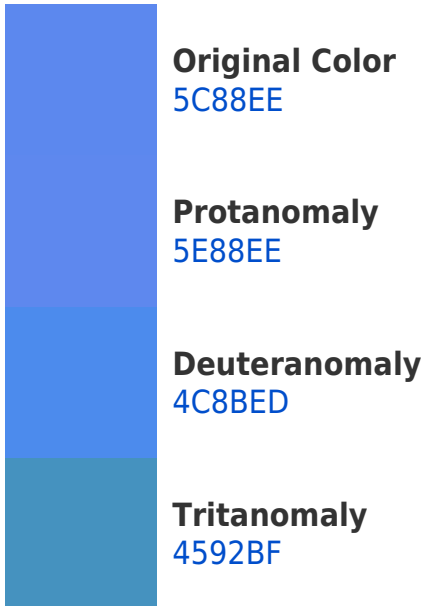
## Dichromacy





**Tritanopia**  
3898A4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5C88EE 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 #5C88EE looks like.

```
.text, #text, p{  
    color:#5C88EE  
}
```

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 #5C88EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C88EE
}
```

## Border

The CSS property to change the border of an element to Hex 5C88EE is called "border". The border property can be set on classes, ids or directly on the HTML element.

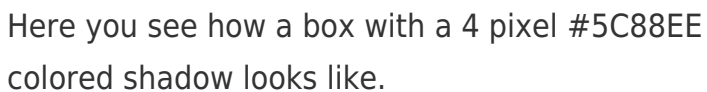
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5C88EE }
```

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

```
.border{ border-color:#5C88EE }
```

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



Here you see how a box with a 4 pixel #5C88EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C88EE; -webkit-box-shadow:4px 4px  
4px 4px #5C88EE; box-shadow:4px 4px 4px  
4px #5C88EE }
```

# Background

The CSS property to change the background color of an element to Hex 5C88EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C88EE }
```

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

```
.background{ background-color:#5C88EE }
```

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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