

# Converting Colors

Hex(5E71C4)

Have a look what the booklet for  
Hex(5E71C4) contains.

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# Color

Hex(5E71C4)

# Conversions

## Conversions Part 1

Format	Color
Hex	5E71C4
RGB	94, 113, 196
RGB Percent	37%, 44%, 77%
CMY	0.6314, 0.5569, 0.2314
CMYK	0.52, 0.42, 0.00, 0.23
HSL	229°, 46%, 57%
HSV	229°, 52%, 77%
XYZ	20.4850, 18.1755, 54.6531
YIQ	116.7810, -37.9670, 21.7850

# Conversions

## Conversions Part 2

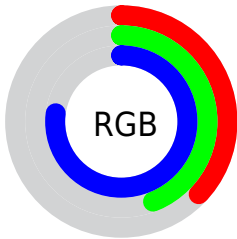
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	94, 110, 196
Decimal	6189508
CIE Lab	49.71, 16.55, -45.66
CIE LCh	50, 48.564, 289.931
Yxy	18.1755, 0.2195, 0.1948
Android (android.graphics.Color)	4284379588 (0xFF5E71C4)
YUV	116.7810, 39.0550, -19.9789
Hunter-Lab	42.6327, 11.1621, -46.1641

# Details

The Hex color **5E71C4** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **C4B15E**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **96A5FD**, and **21428E** is the 20% darker color. If you saturate the color by 10%, you get **4A61C4**, and if you desaturate by 10%, it is **7281C4**.

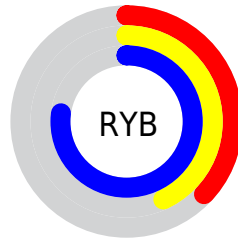
# Distribution



Red (37%)

Green (44%)

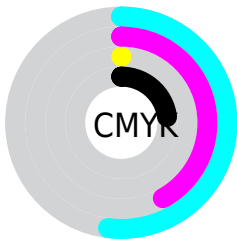
Blue (77%)



Red (37%)

Yellow (43%)

Blue (77%)

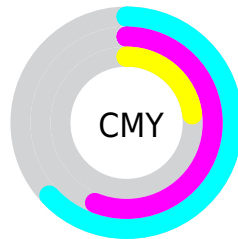


Cyan (52%)

Magenta (42%)

Yellow (0%)

Black (23%)



Cyan (63%)

Magenta (56%)

Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5E71C4 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 5E71C4 by changing the saturation by 10% instead.



■ 5E71C4

■ 5E71C4

FFFFFF

■ 4159A8

■ 96A5FD

■ 21428E

■ B3C0FF

■ 002C74

■ D0DBFF

■ 00185B

■ EDF8FF

■ 000043

■ 00032B

■ 000116

■ 000000

■ 5E71C4

■ 5E71C4

■ 4A61C4

■ 7281C4

■ 3751C4

■ 8591C4

■ 2341C4

■ 99A1C4

■ 1031C4

■ ACB1C4

■ 0025C4

■ C0C1C4

■ D4D1C4

■ E7E1C4

■ FBF1C4

■ FFFC4

# Harmonies

## Analogous

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



007FC7



5E71C4



9B60AC

# Triad

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



5E71C4



B45F38



008966

# Complementary

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



5E71C4



C4B15E

# 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.



3F853E



5E71C4



986F1F

# Square

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



5E71C4



C1525C



727C21



008A91

# Rectangle

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



5E71C4



B25593



727C21



008858



# Sweetspot

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



5E71C4



D6DEFF



5EC4B0



676C80



000000



808080



# Same Dimension

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



5E71C4



617EFF



7D5EC4



575961



001EA1



000621



# Inverse Universe

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



C45E71



FF617E



A5C45E



615759



A1001E

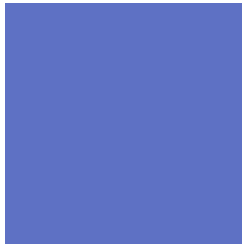


210006



# Previews

## White Background



This preview shows how the Hex color 5E71C4 looks on a white 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

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

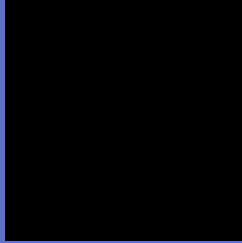
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 5E71C4 Background



This preview shows how black text looks on a background with the Hex color 5E71C4.

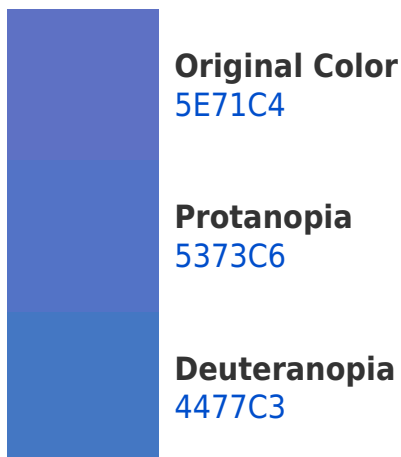


This preview shows how white text looks on a background with the Hex color 5E71C4.

# 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](#).

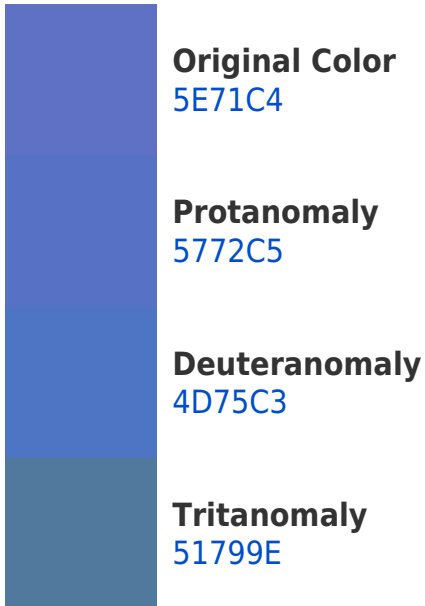
## Dichromacy





**Tritanopia**  
4A7E88

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5E71C4 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 #5E71C4 looks like.

```
.text, #text, p{  
    color:#5E71C4  
}
```

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 #5E71C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E71C4
}
```

## Border

The CSS property to change the border of an element to Hex 5E71C4 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
#5E71C4 }
```

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

```
.border{ border-color:#5E71C4 }
```

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

Here you see how a box with a 4 pixel #5E71C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E71C4; -webkit-box-shadow:4px 4px  
4px 4px #5E71C4; box-shadow:4px 4px 4px  
4px #5E71C4 }
```

# Background

The CSS property to change the background color of an element to Hex 5E71C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E71C4 }
```

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

```
.background{ background-color:#5E71C4 }
```

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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