

# Converting Colors

Hex(5E66C1)

Have a look what the booklet for  
Hex(5E66C1) contains.

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# Color

**Hex(5E66C1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5E66C1
RGB	94, 102, 193
RGB Percent	37%, 40%, 76%
CMY	0.6314, 0.6000, 0.2431
CMYK	0.51, 0.47, 0.00, 0.24
HSL	235°, 44%, 56%
HSV	235°, 51%, 76%
XYZ	18.9931, 15.7327, 52.4877
YIQ	109.9820, -33.9790, 26.6050

# Conversions

## Conversions Part 2

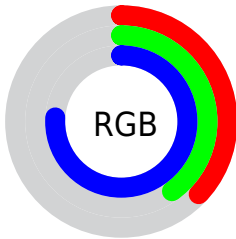
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	94, 101, 193
Decimal	6186689
CIE <sub>Lab</sub>	46.62, 22.40, -48.85
CIE <sub>LCh</sub>	47, 53.739, 294.631
Yxy	15.7327, 0.2178, 0.1804
Android (android.graphics.Color)	4284376769 (0xFF5E66C1)
YUV	109.9820, 40.9279, -14.0162
Hunter-Lab	39.6644, 16.0610, -50.6930

# Details

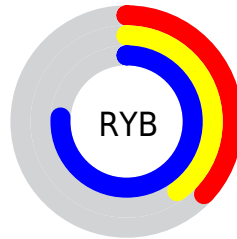
The Hex color **5E66C1** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted azure. A complement of this color would be **C1B95E**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **9699FA**, and **21388B** is the 20% darker color. If you saturate the color by 10%, you get **4B54C1**, and if you desaturate by 10%, it is **7178C1**.

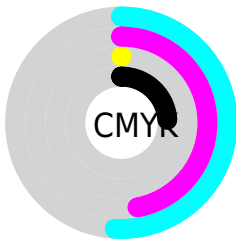
# Distribution



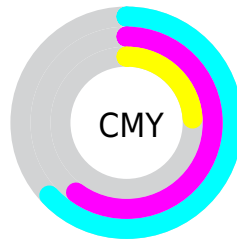
- Red (37%)
- Green (40%)
- Blue (76%)



- Red (37%)
- Yellow (40%)
- Blue (76%)



- Cyan (51%)
- Magenta (47%)
- Yellow (0%)
- Black (24%)



- Cyan (63%)
- Magenta (60%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5E66C1 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 5E66C1 by changing the saturation by 10% instead.



■ 5E66C1

■ 5E66C1

FFFFFF

■ 414EA5

■ 9699FA

■ 21388B

■ B3B4FF

■ 002271

■ D0CFFF

■ 000F58

■ EDEBFF

■ 000040

■ 000329

■ 000113

■ 000000

■ 5E66C1

■ 5E66C1

■ 4B54C1

■ 7178C1

■ 3743C1

■ 8589C1

■ 2431C1

■ 989BC1

■ 111FC1

■ ABADC1

■ 0010C1

■ BFBFC1

■ D2D0C1

■ E5E2C1

■ F8F4C1

■ FFFFC1

# Harmonies

## Analogous

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



0076C9



5E66C1



9D51A3

# Triad

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



5E66C1



AC5724



008365

# Complementary

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



5E66C1



C1B95E

# 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.



1D7F37



5E66C1



8B6A00

# Square

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



5E66C1



BE454C



60770D



008393

# Rectangle

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



5E66C1



B44588



60770D



008255



# Sweetspot

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



5E66C1



D4D7FA



5EC1B9



66687D



FCFCFC



7D7D7D



# Same Dimension

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



5E66C1



5F6BFA



875EC1



575861



000DA1



000321



# Inverse Universe

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



C15E66



FA5F6B



98C15E



615758



A1000D

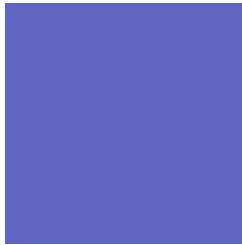


210003



# Previews

## White Background



This preview shows how the Hex color 5E66C1 looks on a white background.

## Color Contrast Check

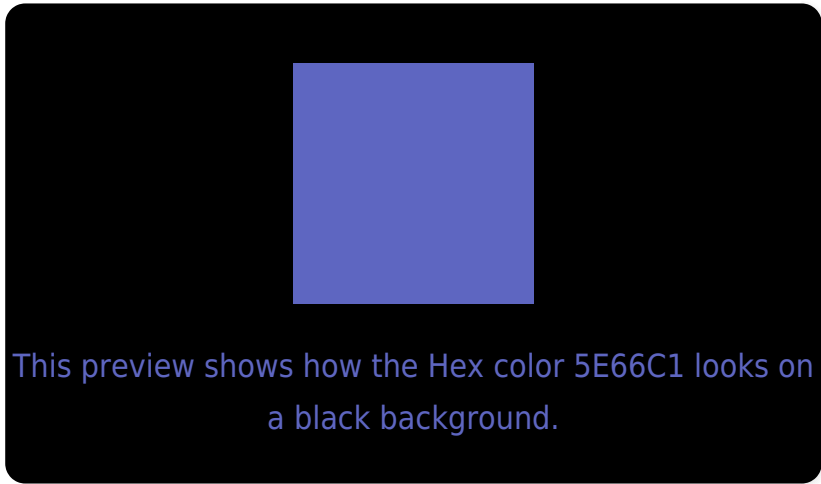
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5E66C1 Background



This preview shows how black text looks on a background with the Hex color 5E66C1.



This preview shows how white text looks on a background with the Hex color 5E66C1.

# 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



**Original Color**  
5E66C1

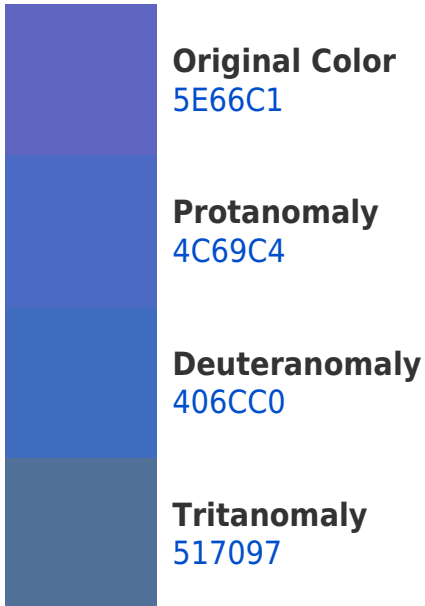
**Protanopia**  
426BC6

**Deuteranopia**  
2F70BF



**Tritanopia**  
49757F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5E66C1 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 #5E66C1 looks like.

```
.text, #text, p{  
    color:#5E66C1  
}
```

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 #5E66C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E66C1  
}
```

## Border

The CSS property to change the border of an element to Hex 5E66C1 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  
#5E66C1 }
```

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

```
.border{ border-color:#5E66C1 }
```

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

Here you see how a box with a 4 pixel #5E66C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E66C1; -webkit-box-shadow:4px 4px  
4px 4px #5E66C1; box-shadow:4px 4px 4px  
4px #5E66C1 }
```

# Background

The CSS property to change the background color of an element to Hex 5E66C1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E66C1 }
```

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

```
.background{ background-color:#5E66C1 }
```

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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