

# Converting Colors

Hex(5E4CC3)

Have a look what the booklet for  
Hex(5E4CC3) contains.

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# Color

Hex(5E4CC3)

# Conversions

## Conversions Part 1

Format	Color
Hex	5E4CC3
RGB	94, 76, 195
RGB Percent	37%, 30%, 76%
CMY	0.6314, 0.7020, 0.2353
CMYK	0.52, 0.61, 0.00, 0.24
HSL	249°, 50%, 53%
HSV	249°, 61%, 76%
XYZ	17.0509, 11.4887, 52.9486
YIQ	94.9480, -27.4710, 40.8250

# Conversions

## Conversions Part 2

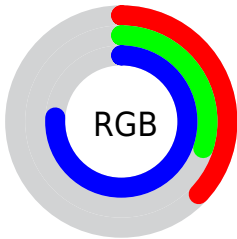
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	94, 76, 195
Decimal	6180035
CIE Lab	40.39, 38.93, -60.05
CIE LCh	40, 71.562, 302.953
Yxy	11.4887, 0.2092, 0.1410
Android (android.graphics.Color)	4284370115 (0xFF5E4CC3)
YUV	94.9480, 49.3256, -0.8314
Hunter-Lab	33.8950, 30.4782, -68.8926

# Details

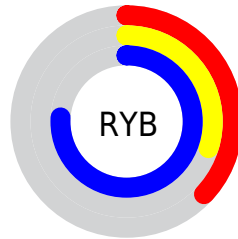
The Hex color **5E4CC3** is a dark color, and the websafe version is hex **333399**. The color can be described as dark muted blue. A complement of this color would be **B1C34C**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **987EFC**, and **1C1E8C** is the 20% darker color. If you saturate the color by 10%, you get **4D39C3**, and if you desaturate by 10%, it is **6F60C3**.

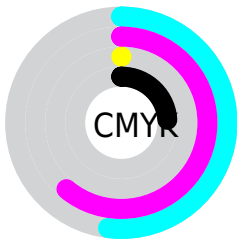
# Distribution



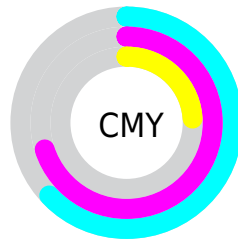
- Red (37%)
- Green (30%)
- Blue (76%)



- Red (37%)
- Yellow (30%)
- Blue (76%)



- Cyan (52%)
- Magenta (61%)
- Yellow (0%)
- Black (24%)



- Cyan (63%)
- Magenta (70%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5E4CC3 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 5E4CC3 by changing the saturation by 10% instead.



■ 5E4CC3

■ 5E4CC3

FFFFFF

■ 4035A7

■ 987EFC

■ 1C1E8C

■ B598FF

■ 000872

■ D2B3FF

■ 000059

■ F0CFFF

■ 000740

■ FFE8FF

■ 000329

■ 000113

■ 000000

■ 5E4CC3

■ 5E4CC3

4D39C3

6F60C3

3D25C3

7F73C3

2C12C3

9086C3

1D00C3

A09AC3

B1AEC3

C1C1C3

D2D5C3

E2E8C3

F3FCC3

# Harmonies

## Analogous

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



0066D6



5E4CC3



A72196

# Triad

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



5E4CC3



9D4600



007764

# Complementary

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



5E4CC3



B1C34C

# 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.



007424



5E4CC3



705F00

# Square

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



5E4CC3



BB1C23



306D00



00779E

# Rectangle

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



5E4CC3



BD0070



306D00



00764F



# Sweetspot

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



5E4CC3



D6CFFC



4CB1C3



686380



000000



808080



# Same Dimension

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



5E4CC3



6044FC



994CC3



595761



1800A1



050021



# Inverse Universe

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



C34CB1



FC44E1



76C34C



61575F



A10088

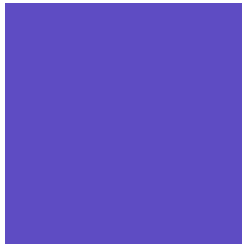


21001C



# Previews

## White Background



This preview shows how the Hex color 5E4CC3 looks on a white background.

## Color Contrast Check

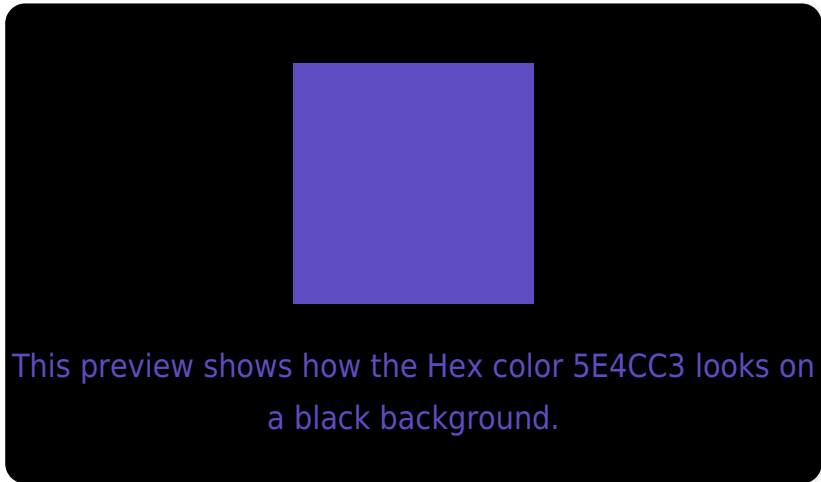
Large Text (above 18pt) WCAG AA ✓ Pass

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

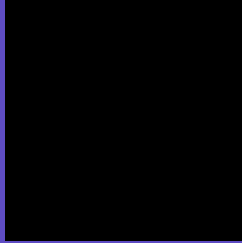
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5E4CC3 Background



This preview shows how black text looks on a background with the Hex color 5E4CC3.

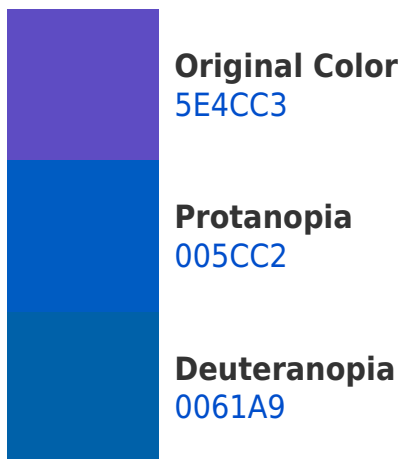



This preview shows how white text looks on a background with the Hex color 5E4CC3.

# 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](#).

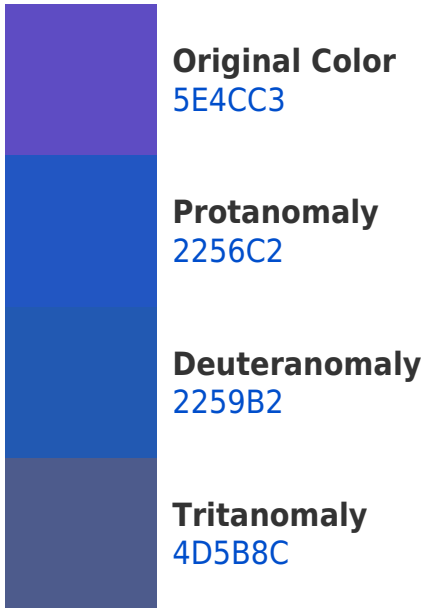
## Dichromacy





**Tritanopia**  
43646D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5E4CC3 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 #5E4CC3 looks like.

```
.text, #text, p{  
    color:#5E4CC3  
}
```

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 #5E4CC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E4CC3
}
```

## Border

The CSS property to change the border of an element to Hex 5E4CC3 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".

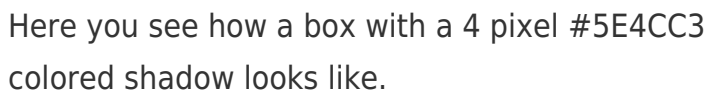
```
.border, #border, table{ border:4px solid
#5E4CC3 }
```

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

```
.border{ border-color:#5E4CC3 }
```

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

Here you see how a box with a 4 pixel #5E4CC3 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4-pixel offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E4CC3; -webkit-box-shadow:4px 4px  
4px 4px #5E4CC3; box-shadow:4px 4px 4px  
4px #5E4CC3 }
```

# Background

The CSS property to change the background color of an element to Hex 5E4CC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E4CC3 }
```

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

```
.background{ background-color:#5E4CC3 }
```

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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