

# Converting Colors

Hex(5E54A0)

Have a look what the booklet for  
Hex(5E54A0) contains.

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# Color

**Hex(5E54A0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5E54A0
RGB	94, 84, 160
RGB Percent	37%, 33%, 63%
CMY	0.6314, 0.6706, 0.3725
CMYK	0.41, 0.48, 0.00, 0.37
HSL	248°, 31%, 48%
HSV	248°, 48%, 63%
XYZ	14.1316, 11.2584, 34.6860
YIQ	95.6540, -18.4360, 25.7560

# Conversions

## Conversions Part 2

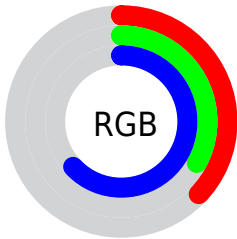
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	94, 84, 160
Decimal	6182048
CIE <sub>Lab</sub>	40.01, 23.45, -40.02
CIE <sub>LCh</sub>	40, 46.385, 300.369
Yxy	11.2584, 0.2352, 0.1874
Android (android.graphics.Color)	4284372128 (0xFF5E54A0)
YUV	95.6540, 31.7226, -1.4506
Hunter-Lab	33.5535, 16.4593, -37.8036

# Details

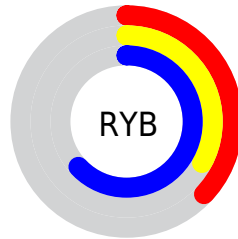
The Hex color **5E54A0** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **96A054**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **9486D7**, and **29276C** is the 20% darker color. If you saturate the color by 10%, you get **5044A0**, and if you desaturate by 10%, it is **6C64A0**.

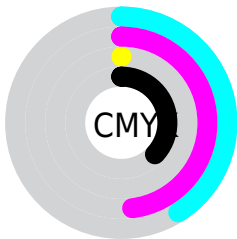
# Distribution



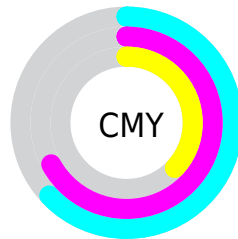
- Red (37%)
- Green (33%)
- Blue (63%)



- Red (37%)
- Yellow (33%)
- Blue (63%)



- Cyan (41%)
- Magenta (48%)
- Yellow (0%)
- Black (37%)



- Cyan (63%)
- Magenta (67%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5E54A0 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 5E54A0 by changing the saturation by 10% instead.



■ 5E54A0

■ 5E54A0

FFFFFF

■ 443D86

■ 9486D7

■ 29276C

■ AFA0F4

■ 091253

■ CBBBFF

■ 00003C

■ E8D7FF

■ 000225

■ FFF3FF

■ 00010D

■ 000000

■ 5E54A0

■ 5E54A0

■ 5044A0

■ 6C64A0

4234A0

7A74A0

3424A0

8884A0

2614A0

9694A0

1904A0

A3A4A0

1500A0

B1B4A0

BFC4A0

CDD4A0

DBE4A0

# Harmonies

## Analogous

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



0063AA



5E54A0



8C4384

# Triad

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



5E54A0



8E4E1A



00705E

# Complementary

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



5E54A0



96A054

# 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.



016D37



5E54A0



715D04

# Square

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



5E54A0



A03F3A



4B6715



007084

# Rectangle

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



5E54A0



9C3B6C



4B6715



006F50



# Sweetspot

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



5E54A0



B8B4D1



5497A0



595769



E8E8E8



696969



# Same Dimension

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



5E54A0



6A5AD1



8354A0



48474F



13008F



02000F



# Inverse Universe

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



A05496



D15AC1



71A054



4F474E



8F007C



0F000D



# Previews

## White Background



This preview shows how the Hex color 5E54A0 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

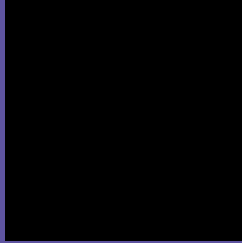
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5E54A0 Background



This preview shows how black text looks on a background with the Hex color 5E54A0.



This preview shows how white text looks on a background with the Hex color 5E54A0.

# 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**  
5E54A0

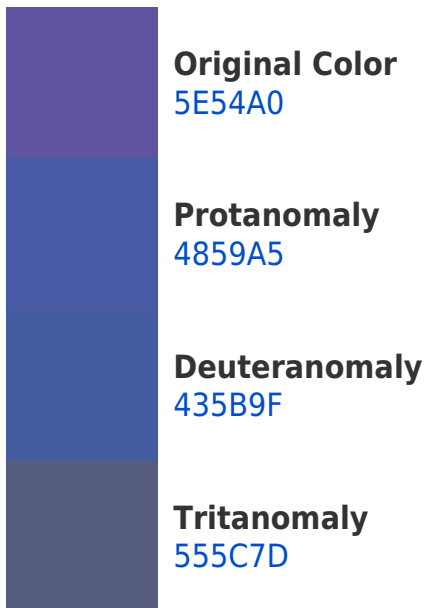
**Protanopia**  
3B5CA8

**Deuteranopia**  
335F9E

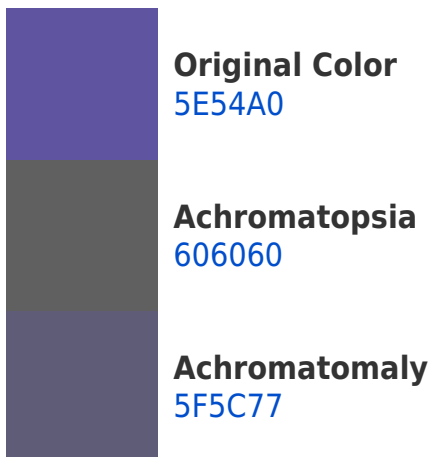


**Tritanopia**  
506169

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5E54A0 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 #5E54A0 looks like.

```
.text, #text, p{  
    color:#5E54A0  
}
```

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 #5E54A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E54A0
}
```

## Border

The CSS property to change the border of an element to Hex 5E54A0 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
#5E54A0 }
```

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

```
.border{ border-color:#5E54A0 }
```

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

Here you see how a box with a 4 pixel #5E54A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E54A0; -webkit-box-shadow:4px 4px  
4px 4px #5E54A0; box-shadow:4px 4px 4px  
4px #5E54A0 }
```

# Background

The CSS property to change the background color of an element to Hex 5E54A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E54A0 }
```

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

```
.background{ background-color:#5E54A0 }
```

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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