

# Converting Colors

Hex(5A4C9B)

Have a look what the booklet for  
Hex(5A4C9B) contains.

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# Color

**Hex(5A4C9B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5A4C9B
RGB	90, 76, 155
RGB Percent	35%, 30%, 61%
CMY	0.6471, 0.7020, 0.3922
CMYK	0.42, 0.51, 0.00, 0.39
HSL	251°, 34%, 45%
HSV	251°, 51%, 61%
XYZ	12.7173, 9.7091, 32.2141
YIQ	89.1920, -17.0150, 27.5370

# Conversions

## Conversions Part 2

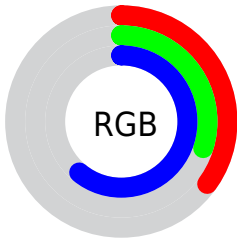
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	90, 76, 155
Decimal	5917851
CIE <sub>Lab</sub>	37.32, 25.93, -41.35
CIE <sub>LCh</sub>	37, 48.802, 302.092
Yxy	9.7091, 0.2327, 0.1777
Android (android.graphics.Color)	4284107931 (0xFF5A4C9B)
YUV	89.1920, 32.4433, 0.7086
Hunter-Lab	31.1594, 18.3233, -39.4853

# Details

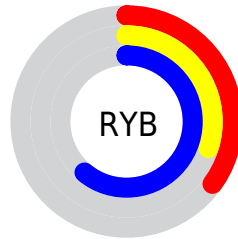
The Hex color **5A4C9B** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **8D9B4C**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **8F7DD2**, and **251F67** is the 20% darker color. If you saturate the color by 10%, you get **4D3D9B**, and if you desaturate by 10%, it is **675C9B**.

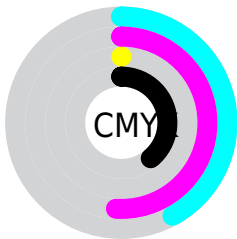
# Distribution



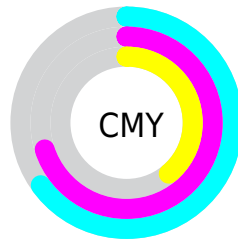
- Red (35%)
- Green (30%)
- Blue (61%)



- Red (35%)
- Yellow (30%)
- Blue (61%)



- Cyan (42%)
- Magenta (51%)
- Yellow (0%)
- Black (39%)



- Cyan (65%)
- Magenta (70%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5A4C9B 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 5A4C9B by changing the saturation by 10% instead.



■ 5A4C9B

■ 5A4C9B

FFFFFF

■ 403581

■ 8F7DD2

■ 251F67

■ AB97EF

■ 020B4F

■ C7B2FF

■ 000037

■ E4CEFF

■ 000221

■ FFEAFF

■ 000005

■ 000000

■ 5A4C9B

■ 5A4C9B

■ 4D3D9B

■ 675C9B

402D9B

746B9B

341D9B

807B9B

270E9B

8D8A9B

1B009B

9A9A9B

A7A99B

B3B99B

C0C89B

CDD89B

# Harmonies

## Analogous

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



005CA7



5A4C9B



89397D

# Triad

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



5A4C9B



86480C



006A5A

# Complementary

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



5A4C9B



8D9B4C

# 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.



006731



5A4C9B



685700

# Square

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



5A4C9B



9A3630



406108



006981

# Rectangle

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



5A4C9B



983064



406108



00694C



# Sweetspot

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



5A4C9B



B1ABC9



4C8E9B



575466



E6E6E6



666666



# Same Dimension

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



5A4C9B



644FC9



814C9B



46454D



19008C



02000D



# Inverse Universe

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



9B4C8D



C94FB4



669B4C



4D454B



8C0073



0D000A



# Previews

## White Background



This preview shows how the Hex color 5A4C9B looks on a white background.

## Color Contrast Check

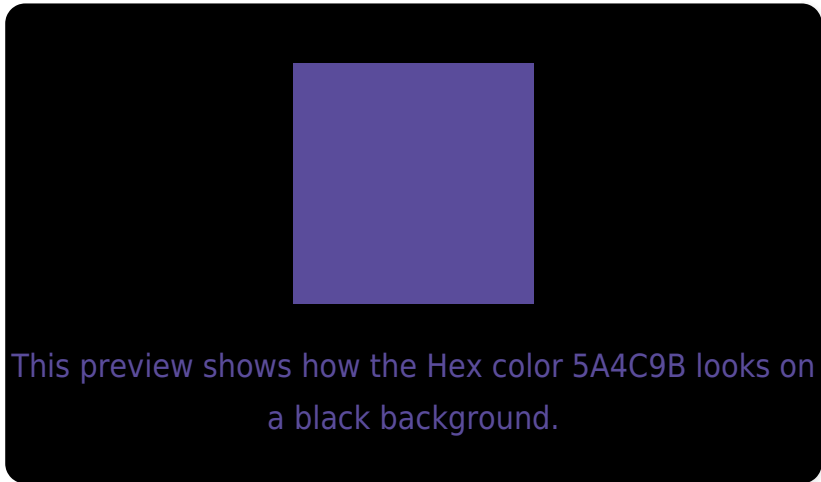
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

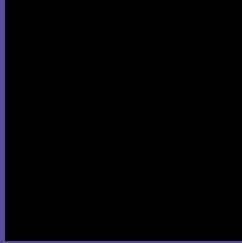
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5A4C9B Background



This preview shows how black text looks on a background with the Hex color 5A4C9B.

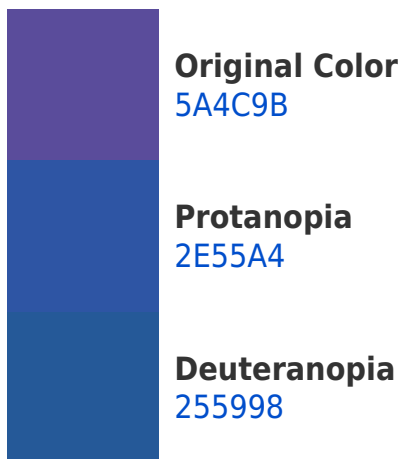


This preview shows how white text looks on a background with the Hex color 5A4C9B.

# 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**  
4C5A61

# Trichromacy



**Original Color**  
5A4C9B

**Protanomaly**  
3E52A1

**Deuteranomaly**  
385499

**Tritanomaly**  
515576

# Monochromacy



**Original Color**  
5A4C9B

**Achromatopsia**  
595959

**Achromatomaly**  
595471

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5A4C9B 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 #5A4C9B looks like.

```
.text, #text, p{  
    color:#5A4C9B  
}
```

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 #5A4C9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A4C9B
}
```

## Border

The CSS property to change the border of an element to Hex 5A4C9B 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
#5A4C9B }
```

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

```
.border{ border-color:#5A4C9B }
```

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

Here you see how a box with a 4 pixel #5A4C9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A4C9B; -webkit-box-shadow:4px 4px  
4px 4px #5A4C9B; box-shadow:4px 4px 4px  
4px #5A4C9B }
```

# Background

The CSS property to change the background color of an element to Hex 5A4C9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A4C9B }
```

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

```
.background{ background-color:#5A4C9B }
```

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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