

# Converting Colors

Hex(5E3AB2)

Have a look what the booklet for  
Hex(5E3AB2) contains.

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# Color

Hex(5E3AB2)

# Conversions

## Conversions Part 1

Format	Color
Hex	5E3AB2
RGB	94, 58, 178
RGB Percent	37%, 23%, 70%
CMY	0.6314, 0.7725, 0.3020
CMYK	0.47, 0.67, 0.00, 0.30
HSL	258°, 51%, 46%
HSV	258°, 67%, 70%
XYZ	14.1650, 8.6201, 43.0368
YIQ	82.4440, -17.0640, 44.9520

# Conversions

## Conversions Part 2

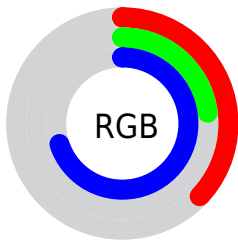
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	94, 58, 178
Decimal	6175410
CIE <sub>Lab</sub>	35.24, 44.22, -58.43
CIE <sub>LCh</sub>	35, 73.274, 307.119
Yxy	8.6201, 0.2152, 0.1310
Android (android.graphics.Color)	4284365490 (0xFF5E3AB2)
YUV	82.4440, 47.1091, 10.1346
Hunter-Lab	29.3601, 34.7387, -66.3567

# Details

The Hex color **5E3AB2** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **8EB23A**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **976CEB**, and **21087C** is the 20% darker color. If you saturate the color by 10%, you get **5228B2**, and if you desaturate by 10%, it is **6A4CB2**.

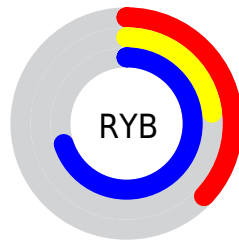
# Distribution



Red (37%)

Green (23%)

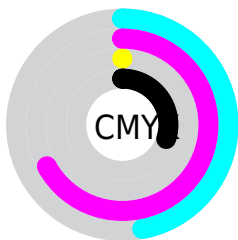
Blue (70%)



Red (37%)

Yellow (23%)

Blue (70%)

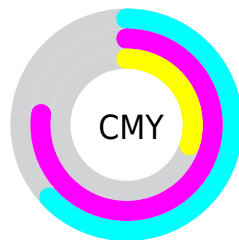


Cyan (47%)

Magenta (67%)

Yellow (0%)

Black (30%)



Cyan (63%)

Magenta (77%)

Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5E3AB2 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 5E3AB2 by changing the saturation by 10% instead.



5E3AB2

5E3AB2

FFFFFF

412297

976CEB

21087C

B386FF

000062

D0A0FF

00004A

EEBCFF

000432

FFD8FF

00021C

FFF4FF

000000

5E3AB2

5E3AB2

5228B2

6A4CB2

4516B2

775EB2

3905B2

836FB2

3500B2

9081B2

9C93B2

A9A5B2

B5B7B2

C2C8B2

CEDAB2

# Harmonies

## Analogous

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



0057CA



5E3AB2



A00082

# Triad

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



5E3AB2



893E00



006A60

# Complementary

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



5E3AB2



8EB23A

# 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.



006720



5E3AB2



5A5500

# Square

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



5E3AB2



A9050D



086200



006A99

# Rectangle

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



5E3AB2



B1005B



086200



00694B



# Sweetspot

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



5E3AB2



C8BAE8



3A8EB2



625975



F5F5F5



757575



# Same Dimension

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



5E3AB2



642CE8



9A3AB2



535059



2E0099



08001A



# Inverse Universe

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



B23A8E



E82CB0



52B23A



595057



99006B

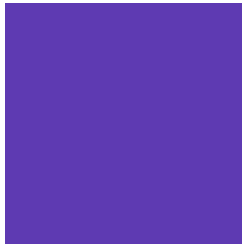


1A0012



# Previews

## White Background



This preview shows how the Hex color 5E3AB2 looks on a white background.

## Color Contrast Check

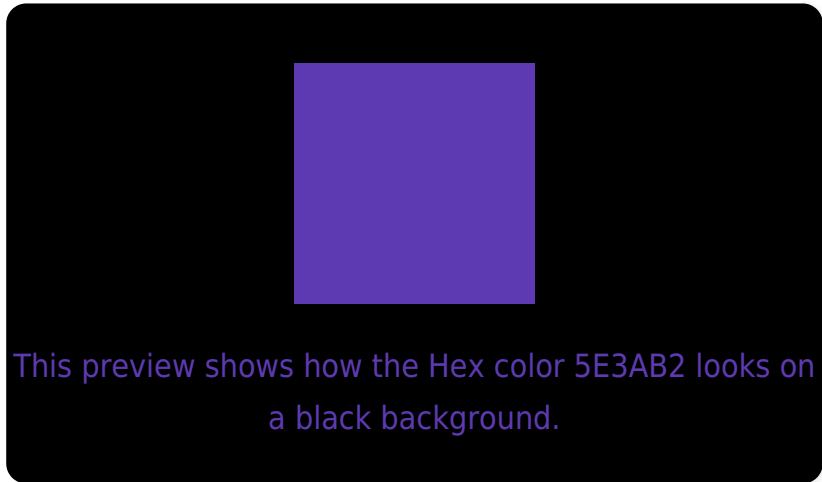
Large Text (above 18pt) WCAG AA ✓ Pass

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

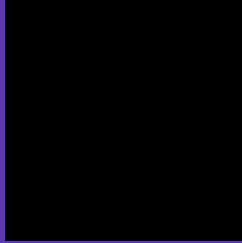
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5E3AB2 Background



This preview shows how black text looks on a background with the Hex color 5E3AB2.

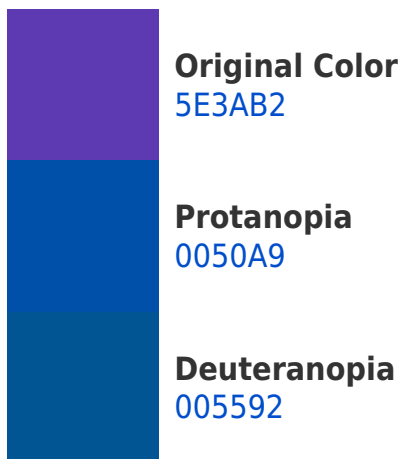


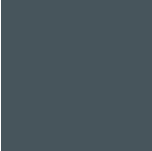
This preview shows how white text looks on a background with the Hex color 5E3AB2.

# 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**  
47555C

# Trichromacy



**Original Color**  
5E3AB2



**Protanomaly**  
2248AC



**Deuteranomaly**  
224B9E



**Tritanomaly**  
4F4B7B

# Monochromacy



**Original Color**  
5E3AB2



**Achromatopsia**  
525252



**Achromatomaly**  
564975

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5E3AB2 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 #5E3AB2 looks like.

```
.text, #text, p{  
    color:#5E3AB2  
}
```

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 #5E3AB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E3AB2
}
```

## Border

The CSS property to change the border of an element to Hex 5E3AB2 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
#5E3AB2 }
```

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

```
.border{ border-color:#5E3AB2 }
```

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

Here you see how a box with a 4 pixel #5E3AB2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E3AB2; -webkit-box-shadow:4px 4px  
4px 4px #5E3AB2; box-shadow:4px 4px 4px  
4px #5E3AB2 }
```

# Background

The CSS property to change the background color of an element to Hex 5E3AB2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E3AB2 }
```

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

```
.background{ background-color:#5E3AB2 }
```

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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