

# Converting Colors

Hex(5E2B8C)

Have a look what the booklet for  
Hex(5E2B8C) contains.

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# Color

**Hex(5E2B8C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5E2B8C
RGB	94, 43, 140
RGB Percent	37%, 17%, 55%
CMY	0.6314, 0.8314, 0.4510
CMYK	0.33, 0.69, 0.00, 0.45
HSL	272°, 53%, 36%
HSV	272°, 69%, 55%
XYZ	10.2136, 6.0009, 25.4309
YIQ	69.3070, -0.7410, 40.9790

# Conversions

## Conversions Part 2

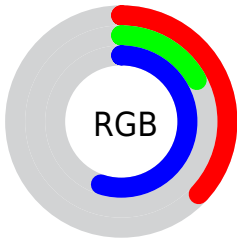
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	94, 43, 140
Decimal	6171532
CIE <sub>Lab</sub>	29.41, 41.96, -44.87
CIE <sub>LCh</sub>	29, 61.429, 313.082
Yxy	6.0009, 0.2453, 0.1441
Android (android.graphics.Color)	4284361612 (0xFF5E2B8C)
YUV	69.3070, 34.8516, 21.6558
Hunter-Lab	24.4967, 31.5541, -44.4034

# Details

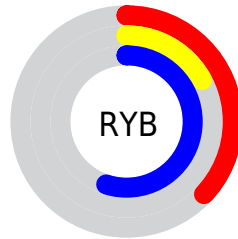
The Hex color **5E2B8C** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **598C2B**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **945CC2**, and **290059** is the 20% darker color. If you saturate the color by 10%, you get **571D8C**, and if you desaturate by 10%, it is **65398C**.

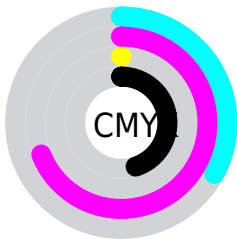
# Distribution



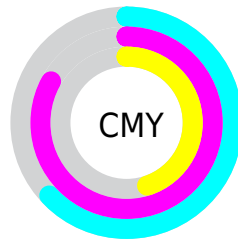
- Red (37%)
- Green (17%)
- Blue (55%)



- Red (37%)
- Yellow (17%)
- Blue (55%)



- Cyan (33%)
- Magenta (69%)
- Yellow (0%)
- Black (45%)



- Cyan (63%)
- Magenta (83%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5E2B8C 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 5E2B8C by changing the saturation by 10% instead.



 5E2B8C

 5E2B8C

FFFFFF

 441172

 945CC2

 290059

 B076DF

 130041

 CC90FB

 00032A

 E9ABFF

 000114

 FFC7FF

 000000

 FFE4FF

 5E2B8C

 5E2B8C

 571D8C

 65398C

■ 510F8C

■ 6B478C

■ 4A018C

■ 72558C

■ 4A008C

■ 79638C

■ 7F718C

■ 867F8C

■ 8C8D8C

■ 939B8C

■ 9AA98C

# Harmonies

## Analogous

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



0045A4



5E2B8C



8A0062

# Triad

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



5E2B8C



6B3900



00585A

# Complementary

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



5E2B8C



598C2B

# 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.



005727



5E2B8C



434A00

# Square

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



5E2B8C



881A00



005300



005886

# Rectangle

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



5E2B8C



940043



005300



005849



# Sweetspot

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



5E2B8C



A38FB5



2B5A8C



51455C



DBDBDB



5C5C5C



# Same Dimension

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



5E2B8C



6E1FB5



8C2B8A



423E45



460085



030005



# Inverse Universe

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



8C2B59



B51F66



2B8C2D



453E41



85003F

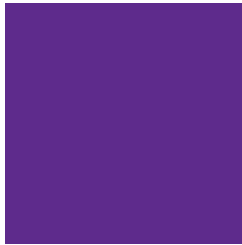


050002



# Previews

## White Background



This preview shows how the Hex color 5E2B8C 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

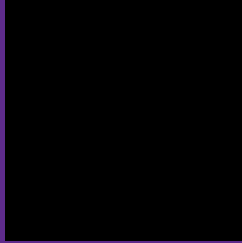
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5E2B8C Background



This preview shows how black text looks on a background with the Hex color 5E2B8C.

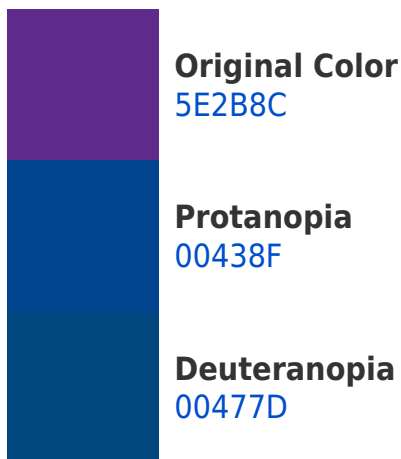


This preview shows how white text looks on a background with the Hex color 5E2B8C.

# 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



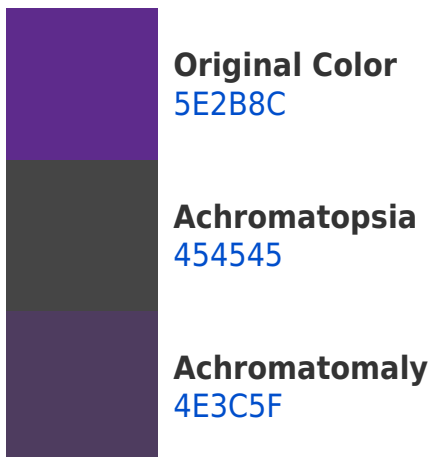


**Tritanopia**  
514247

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5E2B8C 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 #5E2B8C looks like.

```
.text, #text, p{  
    color:#5E2B8C  
}
```

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 #5E2B8C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E2B8C  
}
```

## Border

The CSS property to change the border of an element to Hex 5E2B8C is called "border". The border property can be set on classes, ids or directly on the HTML element.

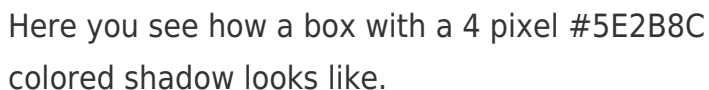
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#5E2B8C }
```

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

```
.border{ border-color:#5E2B8C }
```

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



Here you see how a box with a 4 pixel #5E2B8C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E2B8C; -webkit-box-shadow:4px 4px  
4px 4px #5E2B8C; box-shadow:4px 4px 4px  
4px #5E2B8C }
```

# Background

The CSS property to change the background color of an element to Hex 5E2B8C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E2B8C }
```

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

```
.background{ background-color:#5E2B8C }
```

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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