

# Converting Colors

Hex(5C2F98)

Have a look what the booklet for  
Hex(5C2F98) contains.

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# Color

**Hex(5C2F98)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5C2F98
RGB	92, 47, 152
RGB Percent	36%, 18%, 60%
CMY	0.6392, 0.8157, 0.4039
CMYK	0.39, 0.69, 0.00, 0.40
HSL	266°, 53%, 39%
HSV	266°, 69%, 60%
XYZ	11.0976, 6.5753, 30.3900
YIQ	72.4250, -6.8850, 42.1950

# Conversions

## Conversions Part 2

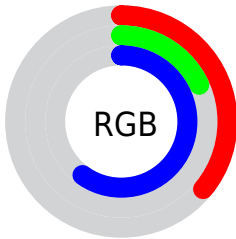
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	92, 47, 152
Decimal	6041496
CIE <sub>Lab</sub>	30.82, 42.57, -49.98
CIE <sub>LCh</sub>	31, 65.652, 310.423
Yxy	6.5753, 0.2309, 0.1368
Android (android.graphics.Color)	4284231576 (0xFF5C2F98)
YUV	72.4250, 39.2305, 17.1673
Hunter-Lab	25.6424, 32.3778, -52.3176

# Details

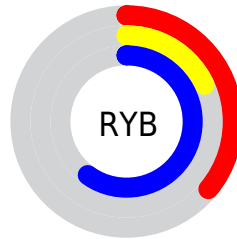
The Hex color **5C2F98** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **6B982F**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **9360CF**, and **240064** is the 20% darker color. If you saturate the color by 10%, you get **532098**, and if you desaturate by 10%, it is **653E98**.

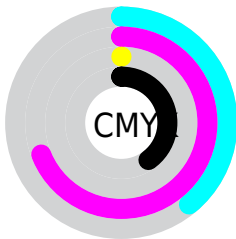
# Distribution



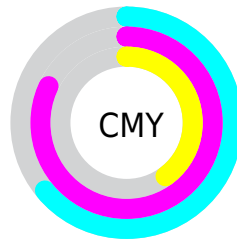
- Red (36%)
- Green (18%)
- Blue (60%)



- Red (36%)
- Yellow (18%)
- Blue (60%)



- Cyan (39%)
- Magenta (69%)
- Yellow (0%)
- Black (40%)



- Cyan (64%)
- Magenta (82%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5C2F98 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 5C2F98 by changing the saturation by 10% instead.



5C2F98

5C2F98

FFFFFF

41167E

9360CF

240064

AF7AEC

09004C

CB94FF

000234

E8B0FF

00021E

FFCBFF

000000

FFE8FF

5C2F98

5C2F98

532098

653E98

■ 4B1198

■ 6D4D98

■ 420198

■ 765D98

■ 410098

■ 7F6C98

■ 877B98

■ 908A98

■ 999998

■ A1A998

■ AAB898

# Harmonies

## Analogous

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



004AB0



5C2F98



90006C

# Triad

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



5C2F98



743900



005D5A

# Complementary

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



5C2F98



6B982F

# 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.



005B23



5C2F98



4A4C00

# Square

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



5C2F98



921204



005600



005C8B

# Rectangle

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



5C2F98



9D004A



005600



005C48



# Sweetspot

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



5C2F98



AD9BC4



2F6C98



554B63



E3E3E3



636363



# Same Dimension

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



5C2F98



6721C4



8F2F98



48454D



3C008C



05000D



# Inverse Universe

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



982F6B



C4217F



38982F



4D4549



8C0050

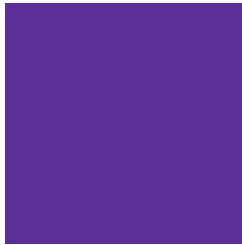


0D0007



# Previews

## White Background



This preview shows how the Hex color 5C2F98 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

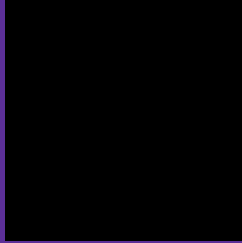
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5C2F98 Background



This preview shows how black text looks on a background with the Hex color 5C2F98.

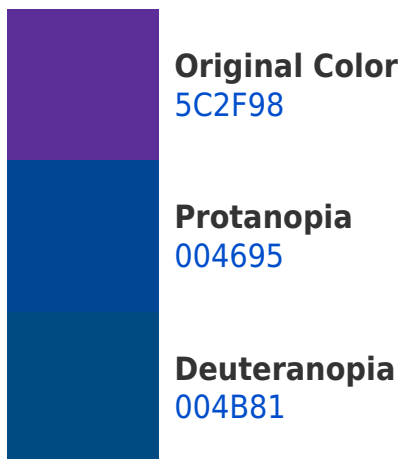



This preview shows how white text looks on a background with the Hex color 5C2F98.

# 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**  
4C474D

# Trichromacy



**Original Color**  
5C2F98



**Protanomaly**  
213E96



**Deuteranomaly**  
214189



**Tritanomaly**  
523E68

# Monochromacy



**Original Color**  
5C2F98



**Achromatopsia**  
484848



**Achromatomaly**  
4F3F65

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5C2F98 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 #5C2F98 looks like.

```
.text, #text, p{  
    color:#5C2F98  
}
```

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 #5C2F98 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C2F98
}
```

## Border

The CSS property to change the border of an element to Hex 5C2F98 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
#5C2F98 }
```

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

```
.border{ border-color:#5C2F98 }
```

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

Here you see how a box with a 4 pixel #5C2F98 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C2F98; -webkit-box-shadow:4px 4px  
4px 4px #5C2F98; box-shadow:4px 4px 4px  
4px #5C2F98 }
```

# Background

The CSS property to change the background color of an element to Hex 5C2F98 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C2F98 }
```

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

```
.background{ background-color:#5C2F98 }
```

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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