

Converting Colors

Hex(5A2D9D)

Have a look what the booklet for
Hex(5A2D9D) contains.

Hex(5A2D9D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5A2D9D)

Conversions

Conversions Part 1

Format	Color
Hex	5A2D9D
RGB	90, 45, 157
RGB Percent	35%, 18%, 62%
CMY	0.6471, 0.8235, 0.3843
CMYK	0.43, 0.71, 0.00, 0.38
HSL	264°, 55%, 40%
HSV	264°, 71%, 62%
XYZ	11.2406, 6.4848, 32.5575
YIQ	71.2230, -9.1320, 44.3720

Conversions

Conversions Part 2

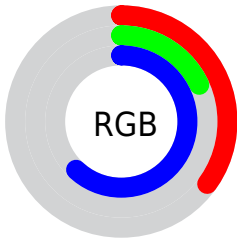
Format	Color
RYB	90, 45, 157
Decimal	5909917
CIELab	30.60, 44.55, -53.39
CIElCh	31, 69.532, 309.842
Yxy	6.4848, 0.2235, 0.1290
Android (android.graphics.Color)	4284099997 (0xFF5A2D9D)
YUV	71.2230, 42.2881, 16.4674
Hunter-Lab	25.4652, 34.2280, -57.9773

Details

The Hex color **5A2D9D** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **709D2D**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **915FD4**, and **200069** is the 20% darker color. If you saturate the color by 10%, you get **511D9D**, and if you desaturate by 10%, it is **633D9D**.

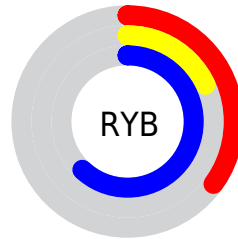
Distribution



Red (35%)

Green (18%)

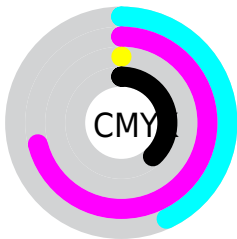
Blue (62%)



Red (35%)

Yellow (18%)

Blue (62%)

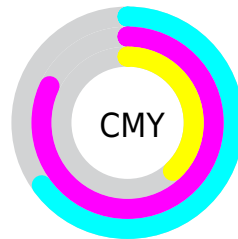


Cyan (43%)

Magenta (71%)

Yellow (0%)

Black (38%)



Cyan (65%)

Magenta (82%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A2D9D 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 5A2D9D by changing the saturation by 10% instead.

■ 5A2D9D

■ 5A2D9D

FFFFFF

■ 3E1482

■ 915FD4

■ 200069

■ AE78F1

■ 000050

■ CA93FF

■ 000238

■ E8AEFF

■ 000221

■ FFCAFF

■ 000007

■ FFE6FF

■ 000000

■ 5A2D9D

■ 5A2D9D

■ 511D9D

■ 633D9D

■ 470E9D

■ 6D4C9D

■ 3F009D

■ 765C9D

■ 806C9D

■ 897C9D

■ 928B9D

■ 9C9B9D

■ A5AB9D

■ AFBA9D

Harmonies

Analogous

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



004AB6



5A2D9D



92006F

Triad

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



5A2D9D



763700



005D59

Complementary

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



5A2D9D



709D2D

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.



005B1F



5A2D9D



494C00

Square

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



5A2D9D



950300



005600



005D8E

Rectangle

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



5A2D9D



A0004B



005600



005C46

Sweetspot

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



5A2D9D



B2A1CC



2D709D



574D66



E6E6E6



666666

Same Dimension

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



5A2D9D



631DCC



922D9D



4A474F



39008F



06000F

Inverse Universe

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



9D2D70



CC1D86



389D2D



4F474C



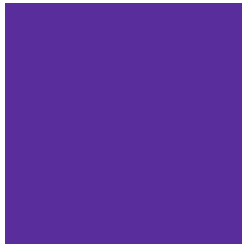
8F0055



0F0009

Previews

White Background



This preview shows how the Hex color 5A2D9D 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

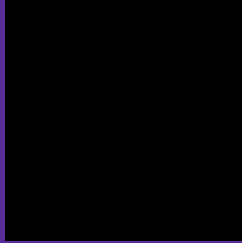
Any Text WCAG AA × Fail

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 5A2D9D Background



This preview shows how black text looks on a background with the Hex color 5A2D9D.

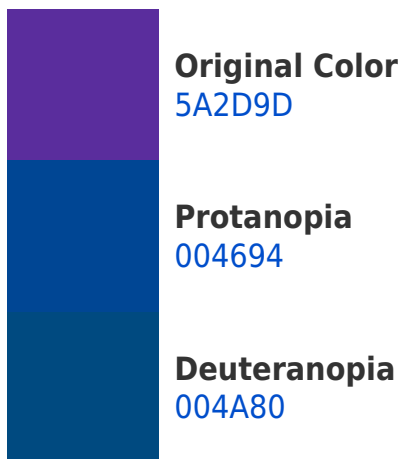


This preview shows how white text looks on a background with the Hex color 5A2D9D.

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
47484E

Trichromacy



Original Color
5A2D9D

Protanomaly
213D97

Deuteranomaly
213F8B

Tritanomaly
4E3E6B

Monochromacy



Original Color
5A2D9D

Achromatopsia
474747

Achromatomaly
4E3E66

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A2D9D 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 #5A2D9D looks like.

```
.text, #text, p{  
    color:#5A2D9D  
}
```

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 #5A2D9D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A2D9D
}
```

Border

The CSS property to change the border of an element to Hex 5A2D9D is called "border". The border property can be set on classes, ids or directly on the HTML element.

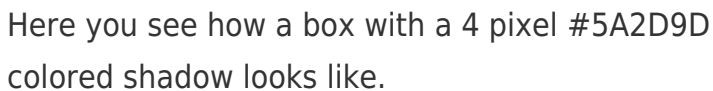
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A2D9D }
```

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

```
.border{ border-color:#5A2D9D }
```

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



Here you see how a box with a 4 pixel #5A2D9D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A2D9D; -webkit-box-shadow:4px 4px  
4px 4px #5A2D9D; box-shadow:4px 4px 4px  
4px #5A2D9D }
```

Background

The CSS property to change the background color of an element to Hex 5A2D9D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A2D9D }
```

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

```
.background{ background-color:#5A2D9D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor