

Converting Colors

Hex(5A2DBD)

Have a look what the booklet for
Hex(5A2DBD) contains.

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Color

Hex(5A2DBD)

Conversions

Conversions Part 1

Format	Color
Hex	5A2DBD
RGB	90, 45, 189
RGB Percent	35%, 18%, 74%
CMY	0.6471, 0.8235, 0.2588
CMYK	0.52, 0.76, 0.00, 0.26
HSL	259°, 62%, 46%
HSV	259°, 76%, 74%
XYZ	14.3401, 7.7246, 48.8793
YIQ	74.8710, -19.4040, 54.3240

Conversions

Conversions Part 2

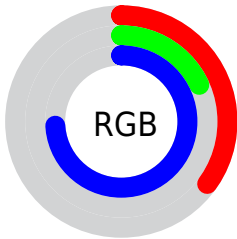
Format	Color
RYB	90, 45, 189
Decimal	5909949
CIELab	33.40, 53.24, -67.96
CIELCh	33, 86.331, 308.073
Yxy	7.7246, 0.2021, 0.1089
Android (android.graphics.Color)	4284100029 (0xFF5A2DBD)
YUV	74.8710, 56.2656, 13.2681
Hunter-Lab	27.7931, 43.4611, -84.8173

Details

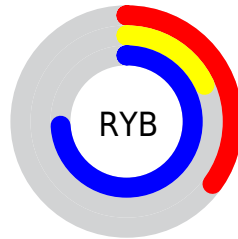
The Hex color **5A2DBD** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **90BD2D**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **9560F6**, and **100086** is the 20% darker color. If you saturate the color by 10%, you get **4D1ABD**, and if you desaturate by 10%, it is **6740BD**.

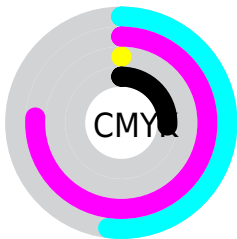
Distribution



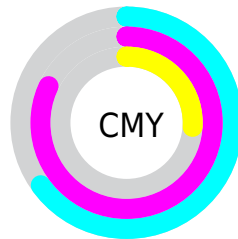
- Red (35%)
- Green (18%)
- Blue (74%)



- Red (35%)
- Yellow (18%)
- Blue (74%)



- Cyan (52%)
- Magenta (76%)
- Yellow (0%)
- Black (26%)



- Cyan (65%)
- Magenta (82%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A2DBD 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 5A2DBD by changing the saturation by 10% instead.

■ 5A2DBD

■ 5A2DBD

FFFFFF

■ 3A12A1

■ 9560F6

■ 100086

■ B27AFF

■ 00006C

■ D095FF

■ 000053

■ EEB0FF

■ 00063B

■ FFCCFF

■ 000224

■ FFE9FF

■ 00000C

■ 000000

■ 5A2DBD

■ 5A2DBD

■ 4D1ABD

■ 6740BD

■ 4007BD

■ 7453BD

■ 3B00BD

■ 8166BD

■ 8E79BD

■ 9B8CBD

■ A89EBD

■ B5B1BD

■ C2C4BD

■ CFD7BD

Harmonies

Analogous

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



0054DA



5A2DBD



A80083

Triad

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



5A2DBD



883600



006760

Complementary

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



5A2DBD



90BD2D

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.



006413



5A2DBD



505200

Square

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



5A2DBD



AE0000



005F00



0068A3

Rectangle

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



5A2DBD



BB0056



005F00



006648

Sweetspot

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



5A2DBD



CEBCF5



2D92BD



63587A



FAFAFA



7A7A7A

Same Dimension

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



5A2DBD



5C16F5



A02DBD



58555E



31009E



0A001F

Inverse Universe

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



BD2D90



F516AF



4ABD2D



5E555B



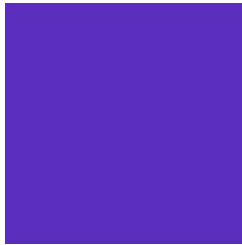
9E006D



1F0015

Previews

White Background



This preview shows how the Hex color 5A2DBD 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

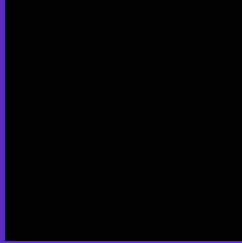
Any Text WCAG AA × Fail

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 5A2DBD Background



This preview shows how black text looks on a background with the Hex color 5A2DBD.

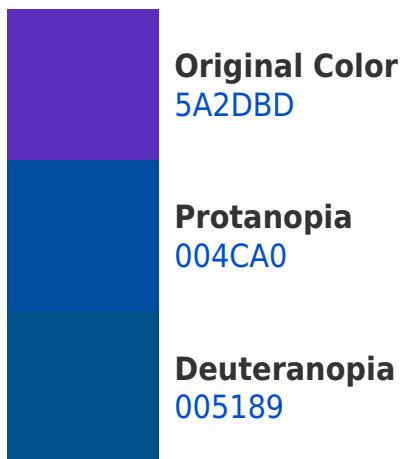


This preview shows how white text looks on a background with the Hex color 5A2DBD.

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
3B5359

Trichromacy



Original Color
5A2DBD



Protanomaly
2141AB



Deuteranomaly
21449C



Tritanomaly
46457D

Monochromacy



Original Color
5A2DBD



Achromatopsia
4B4B4B



Achromatomaly
504074

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A2DBD 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 #5A2DBD looks like.

```
.text, #text, p{  
    color:#5A2DBD  
}
```

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 #5A2DBD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A2DBD
}
```

Border

The CSS property to change the border of an element to Hex 5A2DBD 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
#5A2DBD }
```

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

```
.border{ border-color:#5A2DBD }
```

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

Here you see how a box with a 4 pixel #5A2DBD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A2DBD; -webkit-box-shadow:4px 4px  
4px 4px #5A2DBD; box-shadow:4px 4px 4px  
4px #5A2DBD }
```

Background

The CSS property to change the background color of an element to Hex 5A2DBD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A2DBD }
```

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

```
.background{ background-color:#5A2DBD }
```

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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