

Converting Colors

Hex(5B2DAA)

Have a look what the booklet for
Hex(5B2DAA) contains.

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Color

Hex(5B2DAA)

Conversions

Conversions Part 1

Format	Color
Hex	5B2DAA
RGB	91, 45, 170
RGB Percent	36%, 18%, 67%
CMY	0.6431, 0.8235, 0.3333
CMYK	0.46, 0.74, 0.00, 0.33
HSL	262°, 58%, 42%
HSV	262°, 74%, 67%
XYZ	12.5085, 7.0032, 38.7227
YIQ	73.0040, -12.7090, 48.6270

Conversions

Conversions Part 2

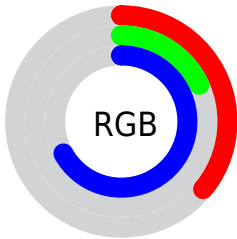
Format	Color
RYB	91, 45, 170
Decimal	5975466
CIELab	31.81, 48.23, -59.26
CIElCh	32, 76.407, 309.142
Yxy	7.0032, 0.2148, 0.1203
Android (android.graphics.Color)	4284165546 (0xFF5B2DAA)
YUV	73.0040, 47.8190, 15.7825
Hunter-Lab	26.4636, 38.0600, -68.2314

Details

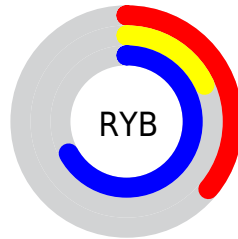
The Hex color **5B2DAA** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **7CAA2D**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **945FE2**, and **1D0075** is the 20% darker color. If you saturate the color by 10%, you get **501CAA**, and if you desaturate by 10%, it is **663EAA**.

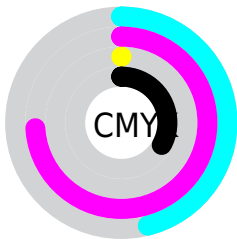
Distribution



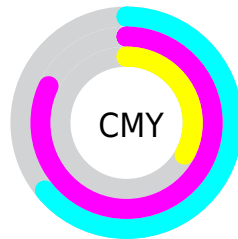
- Red (36%)
- Green (18%)
- Blue (67%)



- Red (36%)
- Yellow (18%)
- Blue (67%)



- Cyan (46%)
- Magenta (74%)
- Yellow (0%)
- Black (33%)



- Cyan (64%)
- Magenta (82%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B2DAA 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 5B2DAA by changing the saturation by 10% instead.

■ 5B2DAA

■ 5B2DAA

FFFFFF

■ 3E138F

■ 945FE2

■ 1D0075

■ B079FF

■ 00005B

■ CD94FF

■ 000043

■ EBAFFF

■ 00032B

■ FFCBFF

■ 000116

■ FFE7FF

■ 000000

■ 5B2DAA

■ 5B2DAA

■ 501CAA

■ 663EAA

■ 460BAA

■ 704FAA

■ 3F00AA

■ 7B60AA

■ 8671AA

■ 9182AA

■ 9B93AA

■ A6A4AA

■ B1B5AA

■ BCC6AA

Harmonies

Analogous

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



004EC5



5B2DAA



9B0077

Triad

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



5B2DAA



7D3700



00615D

Complementary

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



5B2DAA



7CAA2D

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.



005F1B



5B2DAA



4C4F00

Square

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



5B2DAA



A00000



005A00



006197

Rectangle

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



5B2DAA



AB0050



005A00



006148

Sweetspot

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



5B2DAA



BFADDE



2D7CAA



5E5370



F0F0F0



707070

Same Dimension

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



5B2DAA



621BDE



992DAA



4F4C54



360094



080014

Inverse Universe

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



AA2D7C



DE1B96



3EAA2D



544C51



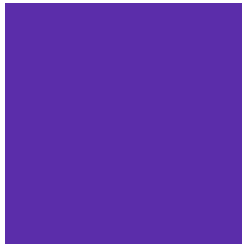
94005D



14000D

Previews

White Background



This preview shows how the Hex color 5B2DAA 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

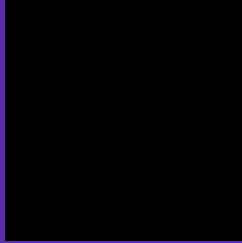
Any Text WCAG AA × Fail

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 5B2DAA Background



This preview shows how black text looks on a background with the Hex color 5B2DAA.



This preview shows how white text looks on a background with the Hex color 5B2DAA.

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



Original Color
5B2DAA

Protanopia
004999

Deuteranopia
004D84



Tritanopia
444C52

Trichromacy



Original Color
5B2DAA



Protanomaly
213F9F



Deuteranomaly
214192



Tritanomaly
4C4172

Monochromacy



Original Color
5B2DAA



Achromatopsia
494949



Achromatomaly
503F6C

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B2DAA 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 #5B2DAA looks like.

```
.text, #text, p{  
    color:#5B2DAA  
}
```

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 #5B2DAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B2DAA
}
```

Border

The CSS property to change the border of an element to Hex 5B2DAA is called "border". The border property can be set on classes, ids or directly on the HTML element.

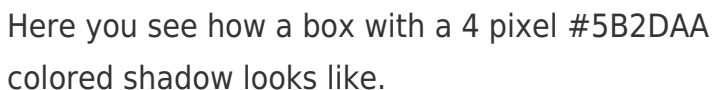
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B2DAA }
```

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

```
.border{ border-color:#5B2DAA }
```

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



Here you see how a box with a 4 pixel #5B2DAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B2DAA; -webkit-box-shadow:4px 4px  
4px 4px #5B2DAA; box-shadow:4px 4px 4px  
4px #5B2DAA }
```

Background

The CSS property to change the background color of an element to Hex 5B2DAA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B2DAA }
```

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

```
.background{ background-color:#5B2DAA }
```

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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