

Converting Colors

Hex(5B2DD2)

Have a look what the booklet for
Hex(5B2DD2) contains.

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Color

Hex(5B2DD2)

Conversions

Conversions Part 1

Format	Color
Hex	5B2DD2
RGB	91, 45, 210
RGB Percent	36%, 18%, 82%
CMY	0.6431, 0.8235, 0.1765
CMYK	0.57, 0.79, 0.00, 0.18
HSL	257°, 65%, 50%
HSV	257°, 79%, 82%
XYZ	16.8856, 8.7541, 61.7725
YIQ	77.5640, -25.5490, 61.0670

Conversions

Conversions Part 2

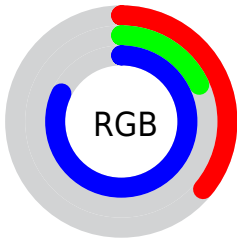
Format	Color
RYB	91, 45, 210
Decimal	5975506
CIELab	35.51, 59.07, -76.76
CIELCh	36, 96.860, 307.578
Yxy	8.7541, 0.1932, 0.1001
Android (android.graphics.Color)	4284165586 (0xFF5B2DD2)
YUV	77.5640, 65.2909, 11.7834
Hunter-Lab	29.5873, 50.0933, -103.0750

Details

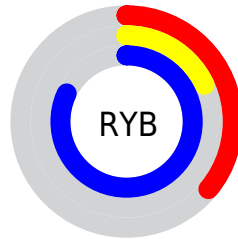
The Hex color **5B2DD2** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark washed blue. A complement of this color would be **A4D22D**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **9961FF**, and **00009A** is the 20% darker color. If you saturate the color by 10%, you get **4C18D2**, and if you desaturate by 10%, it is **6A42D2**.

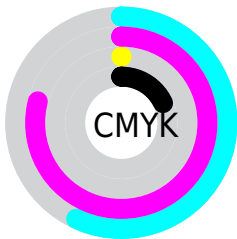
Distribution



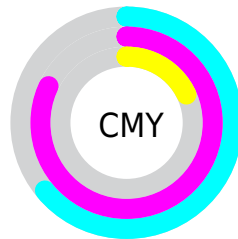
- Red (36%)
- Green (18%)
- Blue (82%)



- Red (36%)
- Yellow (18%)
- Blue (82%)



- Cyan (57%)
- Magenta (79%)
- Yellow (0%)
- Black (18%)



- Cyan (64%)
- Magenta (82%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B2DD2 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 5B2DD2 by changing the saturation by 10% instead.

■ 5B2DD2

■ 5B2DD2

FFFFFF

■ 3810B6

■ 9961FF

■ 00009A

■ B77BFF

■ 00007F

■ D596FF

■ 000065

■ F4B2FF

■ 00094C

■ FFCEFF

■ 000434

■ FFE8FF

■ 00021E

■ 000000

■ 5B2DD2

■ 5B2DD2

■ 4C18D2

■ 6A42D2

■ 3D03D2

■ 7957D2

■ 3B00D2

■ 886CD2

■ 9881D2

■ A796D2

■ B6ABD2

■ C5C0D2

■ D4D5D2

■ E3EAD2

Harmonies

Analogous

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



005BF3



5B2DD2



B70090

Triad

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



5B2DD2



933600



006E66

Complementary

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



5B2DD2



A4D22D

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.



006B0B



5B2DD2



555800

Square

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



5B2DD2



BF0000



006600



006FB3

Rectangle

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



5B2DD2



CD005E



006600



006D4B

Sweetspot

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



5B2DD2



D3C2FF



2DA6D2



655B80



000000



808080

Same Dimension

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



5B2DD2



520FFF



AB2DD2



615E69



2F00A8



0B0029

Inverse Universe

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



D22DA4



FF0FBC



54D22D



695E66



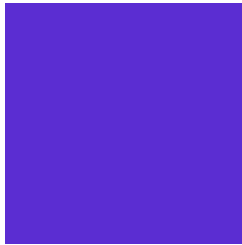
A80079



29001D

Previews

White Background



This preview shows how the Hex color 5B2DD2 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

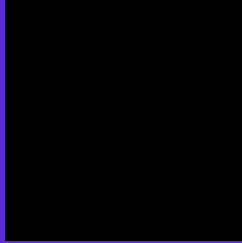
Any Text WCAG AA × Fail

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 5B2DD2 Background



This preview shows how black text looks on a background with the Hex color 5B2DD2.

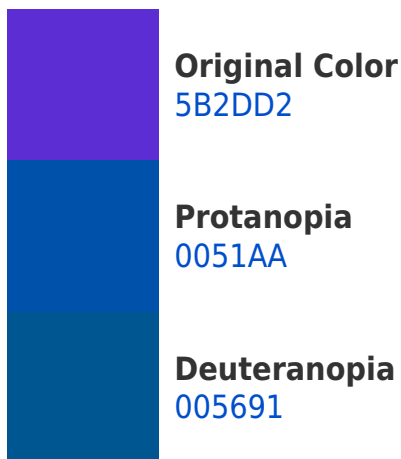


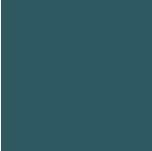
This preview shows how white text looks on a background with the Hex color 5B2DD2.

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
305A61

Trichromacy



Original Color
5B2DD2



Protanomaly
2144B9



Deuteranomaly
2147A9



Tritanomaly
404A8A

Monochromacy



Original Color
5B2DD2



Achromatopsia
4E4E4E



Achromatomaly
53427E

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B2DD2 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 #5B2DD2 looks like.

```
.text, #text, p{  
    color:#5B2DD2  
}
```

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 #5B2DD2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B2DD2
}
```

Border

The CSS property to change the border of an element to Hex 5B2DD2 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
#5B2DD2 }
```

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

```
.border{ border-color:#5B2DD2 }
```

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

Here you see how a box with a 4 pixel #5B2DD2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B2DD2; -webkit-box-shadow:4px 4px  
4px 4px #5B2DD2; box-shadow:4px 4px 4px  
4px #5B2DD2 }
```

Background

The CSS property to change the background color of an element to Hex 5B2DD2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B2DD2 }
```

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

```
.background{ background-color:#5B2DD2 }
```

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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