

Converting Colors

Hex(5A1B8D)

Have a look what the booklet for
Hex(5A1B8D) contains.

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Color

Hex(5A1B8D)

Conversions

Conversions Part 1

Format	Color
Hex	5A1B8D
RGB	90, 27, 141
RGB Percent	35%, 11%, 55%
CMY	0.6471, 0.8941, 0.4471
CMYK	0.36, 0.81, 0.00, 0.45
HSL	273°, 68%, 33%
HSV	273°, 81%, 55%
XYZ	9.4161, 4.8806, 25.6451
YIQ	58.8330, 0.9540, 48.8100

Conversions

Conversions Part 2

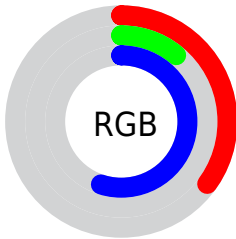
Format	Color
RYB	90, 27, 141
Decimal	5905293
CIELab	26.39, 48.63, -50.42
CIElCh	26, 70.054, 313.964
Yxy	4.8806, 0.2357, 0.1222
Android (android.graphics.Color)	4284095373 (0xFF5A1B8D)
YUV	58.8330, 40.5083, 27.3335
Hunter-Lab	22.0921, 37.4191, -53.3608

Details

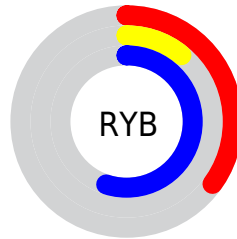
The Hex color **5A1B8D** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **4E8D1B**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **914FC4**, and **23005A** is the 20% darker color. If you saturate the color by 10%, you get **540D8D**, and if you desaturate by 10%, it is **60298D**.

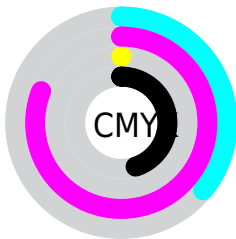
Distribution



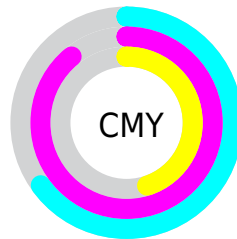
- Red (35%)
- Green (11%)
- Blue (55%)



- Red (35%)
- Yellow (11%)
- Blue (55%)



- Cyan (36%)
- Magenta (81%)
- Yellow (0%)
- Black (45%)



- Cyan (65%)
- Magenta (89%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A1B8D 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 5A1B8D by changing the saturation by 10% instead.

■ 5A1B8D

■ 5A1B8D

FFFFFF

■ 3F0073

■ 914FC4

■ 23005A

■ AD69E0

■ 040042

■ C983FD

■ 00032A

■ E79EFF

■ 000114

■ FFBAFF

■ 000000

■ FFD6FF

■ FFF3FF

■ 5A1B8D

■ 5A1B8D

■ 540D8D

■ 60298D

■ 4E008D

■ 67378D

■ 6D458D

■ 73538D

■ 7A628D

■ 80708D

■ 867E8D

■ 8C8C8D

■ 939A8D

Harmonies

Analogous

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



003EA9



5A1B8D



8B005D

Triad

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



5A1B8D



643100



005257

Complementary

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



5A1B8D



4E8D1B

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.



00501E



5A1B8D



364400

Square

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



5A1B8D



860000



004D00



005289

Rectangle

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



5A1B8D



95003A



004D00



005245

Sweetspot

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



5A1B8D



A48CB8



1B4E8D



50415C



DBDBDB



5C5C5C

Same Dimension

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



5A1B8D



6806B8



8D1B87



444047



4B0087



040008

Inverse Universe

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



8D1B4E



B80655



1B8D21



474043



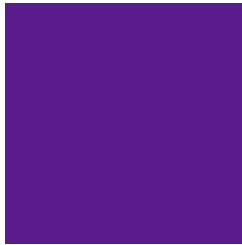
87003C



080003

Previews

White Background



This preview shows how the Hex color 5A1B8D looks on a white background.

Color Contrast Check

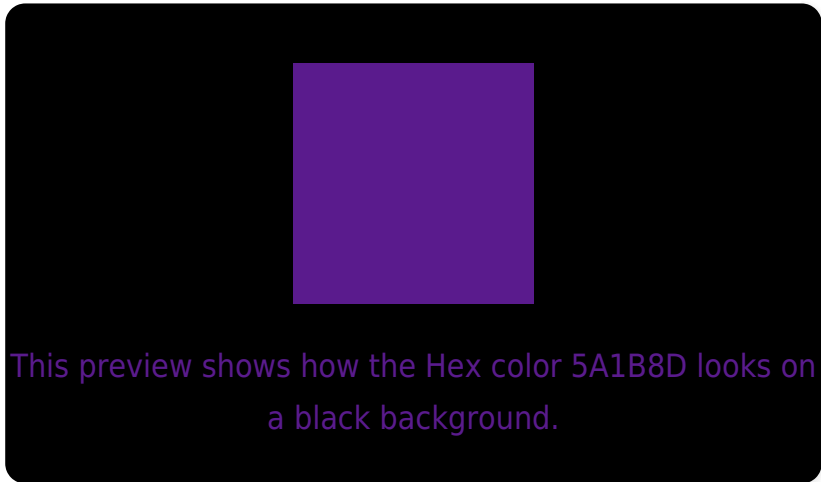
Large Text (above 18pt) WCAG AA ✓ Pass

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

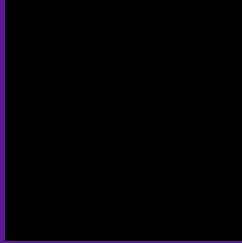
Any Text WCAG AA × Fail

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 5A1B8D Background



This preview shows how black text looks on a background with the Hex color 5A1B8D.



This preview shows how white text looks on a background with the Hex color 5A1B8D.

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
5A1B8D

Protanopia
003D81

Deuteranopia
004170



Tritanopia
4B3B40

Trichromacy



Original Color

5A1B8D



Protanomaly

213185



Deuteranomaly

21337B



Tritanomaly

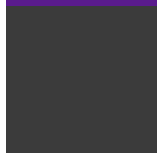
502F5C

Monochromacy



Original Color

5A1B8D



Achromatopsia

3B3B3B



Achromatomaly

462F59

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A1B8D 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 #5A1B8D looks like.

```
.text, #text, p{  
    color:#5A1B8D  
}
```

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 #5A1B8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A1B8D
}
```

Border

The CSS property to change the border of an element to Hex 5A1B8D is called "border". The border property can be set on classes, ids or directly on the HTML element.

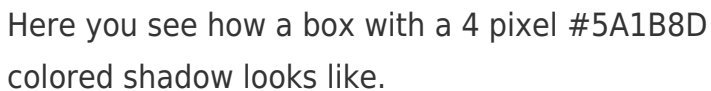
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A1B8D }
```

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

```
.border{ border-color:#5A1B8D }
```

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



Here you see how a box with a 4 pixel #5A1B8D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A1B8D; -webkit-box-shadow:4px 4px  
4px 4px #5A1B8D; box-shadow:4px 4px 4px  
4px #5A1B8D }
```

Background

The CSS property to change the background color of an element to Hex 5A1B8D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A1B8D }
```

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

```
.background{ background-color:#5A1B8D }
```

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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