

Converting Colors

Hex(571B9B)

Have a look what the booklet for
Hex(571B9B) contains.

Hex(571B9B)	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>	28

Color

Hex(571B9B)

Conversions

Conversions Part 1

Format	Color
Hex	571B9B
RGB	87, 27, 155
RGB Percent	34%, 11%, 61%
CMY	0.6588, 0.8941, 0.3922
CMYK	0.44, 0.83, 0.00, 0.39
HSL	268°, 70%, 36%
HSV	268°, 83%, 61%
XYZ	10.2388, 5.1767, 31.4699
YIQ	59.5320, -5.3280, 52.5280

Conversions

Conversions Part 2

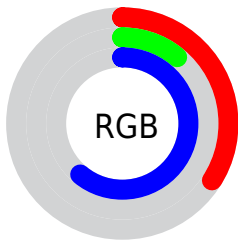
Format	Color
R_{YB}	87, 27, 155
Decimal	5708699
CIE _{Lab}	27.23, 51.56, -57.70
CIE _{LCh}	27, 77.377, 311.786
Yxy	5.1767, 0.2184, 0.1104
Android (android.graphics.Color)	4283898779 (0xFF571B9B)
YUV	59.5320, 47.0657, 24.0894
Hunter-Lab	22.7523, 40.5107, -66.0806

Details

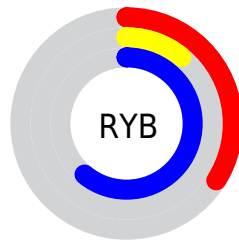
The Hex color **571B9B** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **5F9B1B**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **8F4FD3**, and **1A0066** is the 20% darker color. If you saturate the color by 10%, you get **4F0B9B**, and if you desaturate by 10%, it is **5F2A9B**.

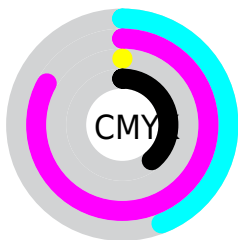
Distribution



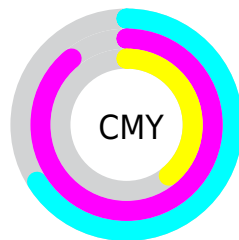
- Red (34%)
- Green (11%)
- Blue (61%)



- Red (34%)
- Yellow (11%)
- Blue (61%)



- Cyan (44%)
- Magenta (83%)
- Yellow (0%)
- Black (39%)



- Cyan (66%)
- Magenta (89%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 571B9B 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 571B9B by changing the saturation by 10% instead.

571B9B

571B9B

FFFFFF

3A0080

8F4FD3

1A0066

AC69EF

00004E

C984FF

000536

E69FFF

00021F

FFBBFF

000003

FFD7FF

000000

FFF4FF

571B9B

571B9B

■ 4F0B9B

■ 5F2A9B

■ 49009B

■ 673A9B

■ 70499B

■ 78599B

■ 80689B

■ 88789B

■ 91879B

■ 99979B

■ A1A69B

Harmonies

Analogous

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



0043B8



571B9B



920067

Triad

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



571B9B



6C2F00



005557

Complementary

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



571B9B



5F9B1B

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.



005317



571B9B



3A4600

Square

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



571B9B



900000



004F00



005690

Rectangle

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



571B9B



9F0040



004F00



005543

Sweetspot

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



571B9B



AF97C9



1B5F9B



564766



E6E6E6



666666

Same Dimension

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



571B9B



5F02C9



971B9B



48454D



42008C



06000D

Inverse Universe

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



9B1B5F



C9026C



1F9B1B



4D4549



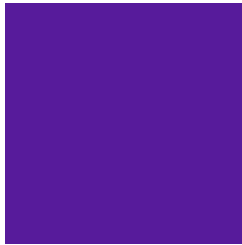
8C004B



0D0007

Previews

White Background



This preview shows how the Hex color 571B9B 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

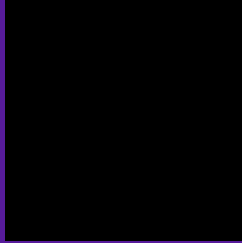
Any Text WCAG AA × Fail

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 571B9B Background



This preview shows how black text looks on a background with the Hex color 571B9B.

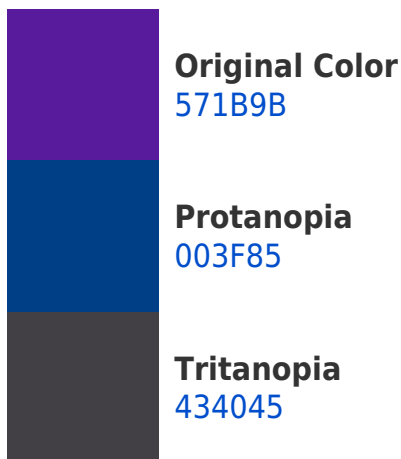


This preview shows how white text looks on a background with the Hex color 571B9B.

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



Trichromacy



Original Color

571B9B

Protanomaly

20328D

Tritanomaly

4A3364

Monochromacy



Original Color

571B9B

Achromatopsia

3C3C3C

Achromatomaly

46305F

CSS Examples

Text

The CSS property to change the color of the text to Hex 571B9B 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 #571B9B looks like.

```
.text, #text, p{  
    color:#571B9B  
}
```

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 #571B9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #571B9B
}
```

Border

The CSS property to change the border of an element to Hex 571B9B 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".

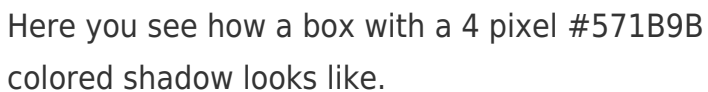
```
.border, #border, table{ border:4px solid
#571B9B }
```

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

```
.border{ border-color:#571B9B }
```

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

Here you see how a box with a 4 pixel #571B9B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #571B9B; -webkit-box-shadow:4px 4px  
4px 4px #571B9B; box-shadow:4px 4px 4px  
4px #571B9B }
```

Background

The CSS property to change the background color of an element to Hex 571B9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#571B9B }
```

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

```
.background{ background-color:#571B9B }
```

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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