

Converting Colors

Hex(571AB0)

Have a look what the booklet for
Hex(571AB0) contains.

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Color

Hex(571AB0)

Conversions

Conversions Part 1

Format	Color
Hex	571AB0
RGB	87, 26, 176
RGB Percent	34%, 10%, 69%
CMY	0.6588, 0.8980, 0.3098
CMYK	0.51, 0.85, 0.00, 0.31
HSL	264°, 74%, 40%
HSV	264°, 85%, 69%
XYZ	12.1363, 5.8996, 41.5734
YIQ	61.3390, -11.7940, 59.5820

Conversions

Conversions Part 2

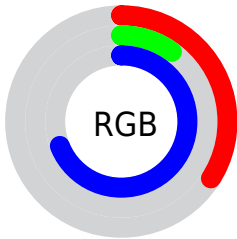
Format	Color
R _Y B	87, 26, 176
Decimal	5708464
CIE Lab	29.16, 57.13, -67.24
CIE LCh	29, 88.232, 310.356
Yxy	5.8996, 0.2036, 0.0990
Android (android.graphics.Color)	4283898544 (0xFF571AB0)
YUV	61.3390, 56.5279, 22.5047
Hunter-Lab	24.2891, 46.6837, -84.4787

Details

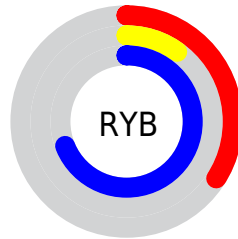
The Hex color **571AB0** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **73B01A**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **9250E9**, and **0E007A** is the 20% darker color. If you saturate the color by 10%, you get **4D08B0**, and if you desaturate by 10%, it is **612CB0**.

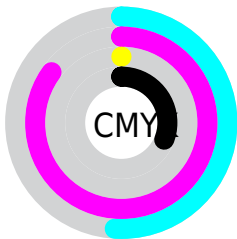
Distribution



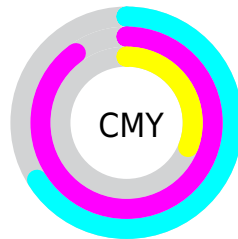
- Red (34%)
- Green (10%)
- Blue (69%)



- Red (34%)
- Yellow (10%)
- Blue (69%)



- Cyan (51%)
- Magenta (85%)
- Yellow (0%)
- Black (31%)



- Cyan (66%)
- Magenta (90%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 571AB0 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 571AB0 by changing the saturation by 10% instead.

571AB0

571AB0

FFFFFF

380095

9250E9

0E007A

AF6AFF

000060

CC85FF

000047

EAA0FF

000430

FFBCFF

00011A

FFD9FF

000000

FFF6FF

571AB0

571AB0

■ 4D08B0

■ 612CB0

■ 4800B0

■ 6C3DB0

■ 764FB0

■ 8160B0

■ 8B72B0

■ 9684B0

■ A095B0

■ ABA7B0

■ B5B8B0

Harmonies

Analogous

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



0049D0



571AB0



A00074

Triad

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



571AB0



782E00



005C5C

Complementary

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



571AB0



73B01A

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.



005A0F



571AB0



3F4A00

Square

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



571AB0



A00000



005500



005D9E

Rectangle

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



571AB0



B00048



005500



005B44

Sweetspot

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



571AB0



C2AAE6



1A74B0



5E4F73



F2F2F2



737373

Same Dimension

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



571AB0



5D00E6



A11AB0



545059



3E0099



0A001A

Inverse Universe

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



B01A73



E60088



29B01A



595056



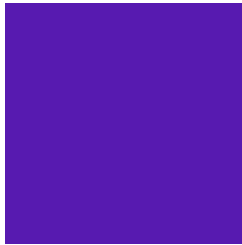
99005B



1A000F

Previews

White Background



This preview shows how the Hex color 571AB0 looks on a white background.

Color Contrast Check

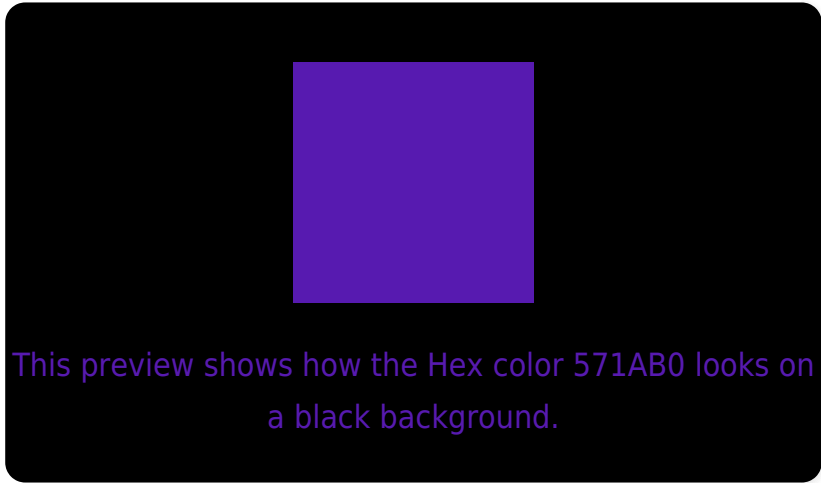
Large Text (above 18pt) WCAG AA ✓ Pass

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

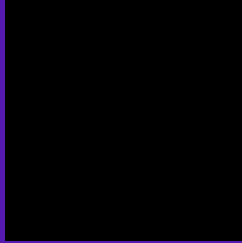
Any Text WCAG AA × Fail

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 571AB0 Background



This preview shows how black text looks on a background with the Hex color 571AB0.



This preview shows how white text looks on a background with the Hex color 571AB0.

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](#).

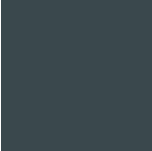
Dichromacy



Original Color
571AB0

Protanopia
00438D

Deuteranopia
004879



Tritanopia
3A484D

Trichromacy



Original Color
571AB0



Protanomaly
20349A



Deuteranomaly
20378D



Tritanomaly
453771

Monochromacy



Original Color
571AB0



Achromatopsia
3D3D3D



Achromatomaly
463067

CSS Examples

Text

The CSS property to change the color of the text to Hex 571AB0 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 #571AB0 looks like.

```
.text, #text, p{  
    color:#571AB0  
}
```

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 #571AB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #571AB0
}
```

Border

The CSS property to change the border of an element to Hex 571AB0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

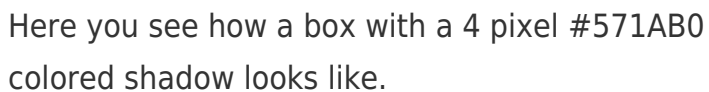
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#571AB0 }
```

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

```
.border{ border-color:#571AB0 }
```

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



Here you see how a box with a 4 pixel #571AB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #571AB0; -webkit-box-shadow:4px 4px  
4px 4px #571AB0; box-shadow:4px 4px 4px  
4px #571AB0 }
```

Background

The CSS property to change the background color of an element to Hex 571AB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#571AB0 }
```

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

```
.background{ background-color:#571AB0 }
```

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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