

Converting Colors

Hex(511BC1)

Have a look what the booklet for
Hex(511BC1) contains.

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Color

Hex(511BC1)

Conversions

Conversions Part 1

Format	Color
Hex	511BC1
RGB	81, 27, 193
RGB Percent	32%, 11%, 76%
CMY	0.6824, 0.8941, 0.2431
CMYK	0.58, 0.86, 0.00, 0.24
HSL	260°, 75%, 43%
HSV	260°, 86%, 76%
XYZ	13.4109, 6.3835, 50.9774
YIQ	62.0700, -21.1020, 63.0740

Conversions

Conversions Part 2

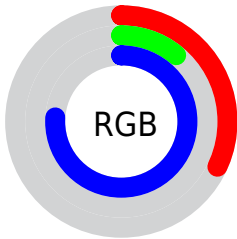
Format	Color
R_{YB}	81, 27, 193
Decimal	5315521
CIE _{Lab}	30.36, 60.47, -75.37
CIE _{LCh}	30, 96.631, 308.743
Yxy	6.3835, 0.1895, 0.0902
Android (android.graphics.Color)	4283505601 (0xFF511BC1)
YUV	62.0700, 64.5485, 16.6016
Hunter-Lab	25.2655, 50.5331, -101.9417

Details

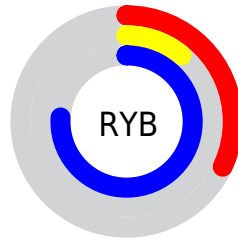
The Hex color **511BC1** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark washed blue. A complement of this color would be **8BC11B**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **8F51FB**, and **00008A** is the 20% darker color. If you saturate the color by 10%, you get **4408C1**, and if you desaturate by 10%, it is **5E2EC1**.

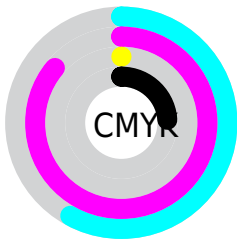
Distribution



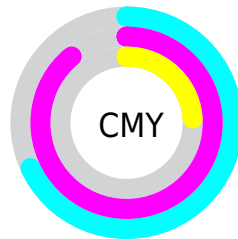
- Red (32%)
- Green (11%)
- Blue (76%)



- Red (32%)
- Yellow (11%)
- Blue (76%)



- Cyan (58%)
- Magenta (86%)
- Yellow (0%)
- Black (24%)



- Cyan (68%)
- Magenta (89%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 511BC1 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 511BC1 by changing the saturation by 10% instead.

■ 511BC1

■ 511BC1

FFFFFF

■ 2D00A5

■ 8F51FB

■ 00008A

■ AD6CFF

■ 000070

■ CB87FF

■ 000056

■ E9A2FF

■ 00063E

■ FFBEFF

■ 000327

■ FFDAFF

■ 000110

■ FFF8FF

■ 000000

■ 511BC1

■ 511BC1

■ 4408C1

■ 5E2EC1

■ 3F00C1

■ 6B42C1

■ 7855C1

■ 8568C1

■ 927BC1

■ 9F8FC1

■ ACA2C1

■ B9B5C1

■ C6C9C1

Harmonies

Analogous

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



004FE3



511BC1



A90080

Triad

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



511BC1



812B00



00605D

Complementary

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



511BC1



8BC11B

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.



005D02



511BC1



444C00

Square

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



511BC1



AD0000



005900



0062A7

Rectangle

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



511BC1



BD004F



005900



005F42

Sweetspot

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



511BC1



CEB9FA



1B8CC1



63567D



FCFCFC



7D7D7D

Same Dimension

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



511BC1



5100FA



A31BC1



5A5761



3400A1



0B0021

Inverse Universe

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



C11B8B



FA00A9



39C11B



61575E



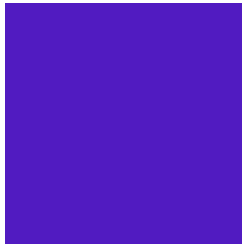
A1006C



210016

Previews

White Background



This preview shows how the Hex color 511BC1 looks on a white background.

Color Contrast Check

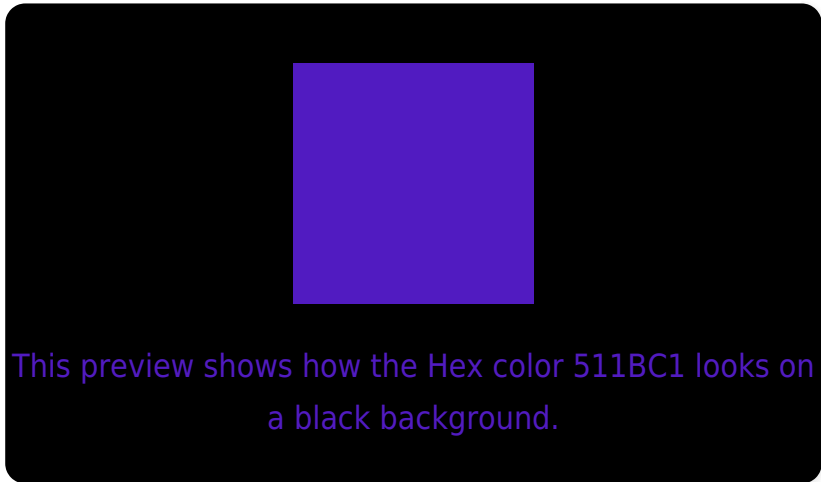
Large Text (above 18pt) WCAG AA ✓ Pass

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

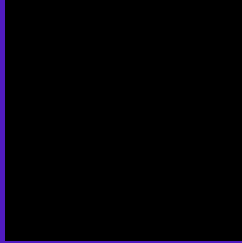
Any Text WCAG AA × Fail

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 511BC1 Background



This preview shows how black text looks on a background with the Hex color 511BC1.



This preview shows how white text looks on a background with the Hex color 511BC1.

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
511BC1

Protanopia
004692

Deuteranopia
004A7D



Tritanopia
244E54

Trichromacy



Original Color
511BC1



Protanomaly
1D36A3



Deuteranomaly
1D3996



Tritanomaly
343B7C

Monochromacy



Original Color
511BC1



Achromatopsia
3E3E3E



Achromatomaly
45316E

CSS Examples

Text

The CSS property to change the color of the text to Hex 511BC1 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 #511BC1 looks like.

```
.text, #text, p{  
    color:#511BC1  
}
```

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 #511BC1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #511BC1
}
```

Border

The CSS property to change the border of an element to Hex 511BC1 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
#511BC1 }
```

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

```
.border{ border-color:#511BC1 }
```

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

Here you see how a box with a 4 pixel #511BC1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #511BC1; -webkit-box-shadow:4px 4px  
4px 4px #511BC1; box-shadow:4px 4px 4px  
4px #511BC1 }
```

Background

The CSS property to change the background color of an element to Hex 511BC1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#511BC1 }
```

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

```
.background{ background-color:#511BC1 }
```

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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