

Converting Colors

Hex(501CA6)

Have a look what the booklet for
Hex(501CA6) contains.

Hex(501CA6)	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>	29

Color

Hex(501CA6)

Conversions

Conversions Part 1

Format	Color
Hex	501CA6
RGB	80, 28, 166
RGB Percent	31%, 11%, 65%
CMY	0.6863, 0.8902, 0.3490
CMYK	0.52, 0.83, 0.00, 0.35
HSL	263°, 71%, 38%
HSV	263°, 83%, 65%
XYZ	10.6065, 5.2892, 36.5383
YIQ	59.2800, -13.3060, 53.9420

Conversions

Conversions Part 2

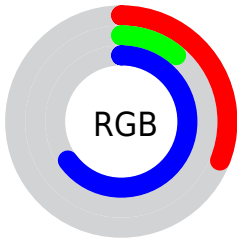
Format	Color
R_{YB}	80, 28, 166
Decimal	5250214
CIE _{Lab}	27.54, 53.03, -63.91
CIE _{LCh}	28, 83.048, 309.688
Yxy	5.2892, 0.2023, 0.1009
Android (android.graphics.Color)	4283440294 (0xFF501CA6)
YUV	59.2800, 52.6130, 18.1714
Hunter-Lab	22.9982, 42.0751, -78.0981

Details

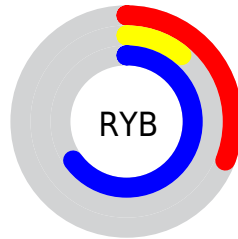
The Hex color **501CA6** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **72A61C**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **8A50DE**, and **020071** is the 20% darker color. If you saturate the color by 10%, you get **460BA6**, and if you desaturate by 10%, it is **5A2DA6**.

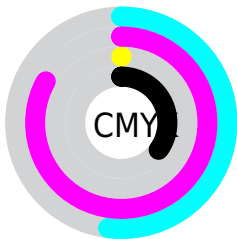
Distribution



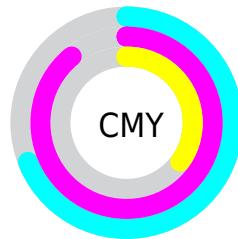
- Red (31%)
- Green (11%)
- Blue (65%)



- Red (31%)
- Yellow (11%)
- Blue (65%)



- Cyan (52%)
- Magenta (83%)
- Yellow (0%)
- Black (35%)



- Cyan (69%)
- Magenta (89%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 501CA6 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 501CA6 by changing the saturation by 10% instead.

501CA6

501CA6

FFFFFF

31008B

8A50DE

020071

A76AFB

000057

C484FF

00063F

E29FFF

000328

FFBBFF

000112

FFD7FF

000000

FFF4FF

501CA6

501CA6

■ 460BA6

■ 5A2DA6

■ 3F00A6

■ 653DA6

■ 6F4EA6

■ 795EA6

■ 846FA6

■ 8E80A6

■ 9890A6

■ A3A1A6

■ ADB1A6

Harmonies

Analogous

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



0046C3



501CA6



96006F

Triad

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



501CA6



722B00



005755

Complementary

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



501CA6



72A61C

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.



00550D



501CA6



3E4600

Square

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



501CA6



970000



005000



005893

Rectangle

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



501CA6



A50045



005000



00563F

Sweetspot

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



501CA6



B7A3D9



1C73A6



594D6E



EDEDED



6E6E6E

Same Dimension

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



501CA6



5200D9



941CA6



4F4C54



380094



080014

Inverse Universe

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



A61C72



D90087



2EA61C



544C51



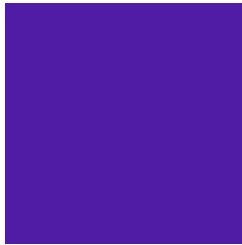
94005C



14000D

Previews

White Background



This preview shows how the Hex color 501CA6 looks on a white background.

Color Contrast Check

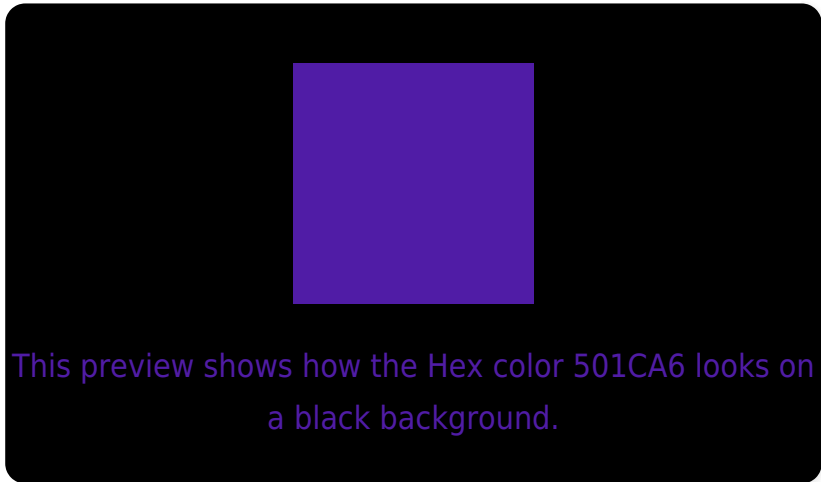
Large Text (above 18pt) WCAG AA ✓ Pass

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

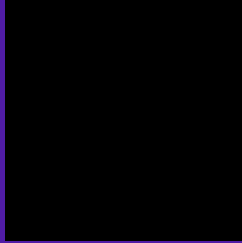
Any Text WCAG AA × Fail

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 501CA6 Background



This preview shows how black text looks on a background with the Hex color 501CA6.



This preview shows how white text looks on a background with the Hex color 501CA6.

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
501CA6

Protanopia
004086

Deuteranopia
004473



Tritanopia
34444A

Trichromacy



Original Color
501CA6

Protanomaly
1D3392

Deuteranomaly
1D3586

Tritanomaly
3E356B

Monochromacy



Original Color
501CA6

Achromatopsia
3B3B3B

Achromatomaly
433062

CSS Examples

Text

The CSS property to change the color of the text to Hex 501CA6 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 #501CA6 looks like.

```
.text, #text, p{  
    color:#501CA6  
}
```

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 #501CA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #501CA6
}
```

Border

The CSS property to change the border of an element to Hex 501CA6 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
#501CA6 }
```

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

```
.border{ border-color:#501CA6 }
```

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

Here you see how a box with a 4 pixel #501CA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #501CA6; -webkit-box-shadow:4px 4px  
4px 4px #501CA6; box-shadow:4px 4px 4px  
4px #501CA6 }
```

Background

The CSS property to change the background color of an element to Hex 501CA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#501CA6 }
```

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

```
.background{ background-color:#501CA6 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor