

Converting Colors

Hex(501C9A)

Have a look what the booklet for
Hex(501C9A) contains.

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Color

Hex(501C9A)

Conversions

Conversions Part 1

Format	Color
Hex	501C9A
RGB	80, 28, 154
RGB Percent	31%, 11%, 60%
CMY	0.6863, 0.8902, 0.3961
CMYK	0.48, 0.82, 0.00, 0.40
HSL	265°, 69%, 36%
HSV	265°, 82%, 60%
XYZ	9.5563, 4.8691, 31.0080
YIQ	57.9120, -9.4540, 50.2100

Conversions

Conversions Part 2

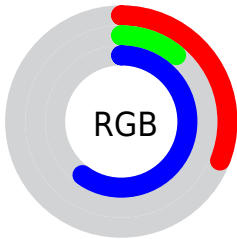
Format	Color
R_{YB}	80, 28, 154
Decimal	5250202
CIE _{Lab}	26.36, 49.92, -58.55
CIE _{LCh}	26, 76.943, 310.450
Yxy	4.8691, 0.2103, 0.1072
Android (android.graphics.Color)	4283440282 (0xFF501C9A)
YUV	57.9120, 47.3714, 19.3712
Hunter-Lab	22.0660, 38.6887, -67.8705

Details

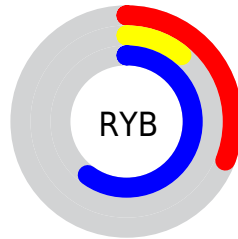
The Hex color **501C9A** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **669A1C**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **884FD1**, and **0D0066** is the 20% darker color. If you saturate the color by 10%, you get **470D9A**, and if you desaturate by 10%, it is **592B9A**.

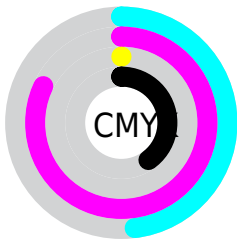
Distribution



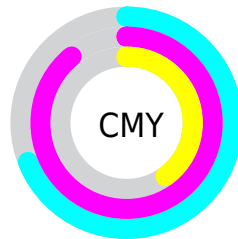
- Red (31%)
- Green (11%)
- Blue (60%)



- Red (31%)
- Yellow (11%)
- Blue (60%)



- Cyan (48%)
- Magenta (82%)
- Yellow (0%)
- Black (40%)



- Cyan (69%)
- Magenta (89%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 501C9A 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 501C9A by changing the saturation by 10% instead.

■ 501C9A

■ 501C9A

FFFFFF

■ 33007F

■ 884FD1

■ 0D0066

■ A569EE

■ 00004D

■ C283FF

■ 000535

■ DF9EFF

■ 00021F

■ FDBAFF

■ 000001

■ FFD6FF

■ 000000

■ FFF3FF

■ 501C9A

■ 501C9A

■ 470D9A

■ 592B9A

■ 40009A

■ 623B9A

■ 6B4A9A

■ 745A9A

■ 7D699A

■ 86789A

■ 8F889A

■ 98979A

■ A1A79A

Harmonies

Analogous

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



0042B6



501C9A



8E0067

Triad

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



501C9A



6B2C00



005352

Complementary

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



501C9A



669A1C

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.



005112



501C9A



3B4300

Square

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



501C9A



8E0000



004D00



00548B

Rectangle

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



501C9A



9B0041



004D00



00523E

Sweetspot

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



501C9A



AC97C9



1C689A



544766



E6E6E6



666666

Same Dimension

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



501C9A



5604C9



8D1C9A



48454D



3A008C



05000D

Inverse Universe

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



9A1C66



C90478



299A1C



4D4549



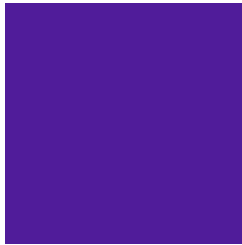
8C0052



0D0007

Previews

White Background



This preview shows how the Hex color 501C9A looks on a white background.

Color Contrast Check

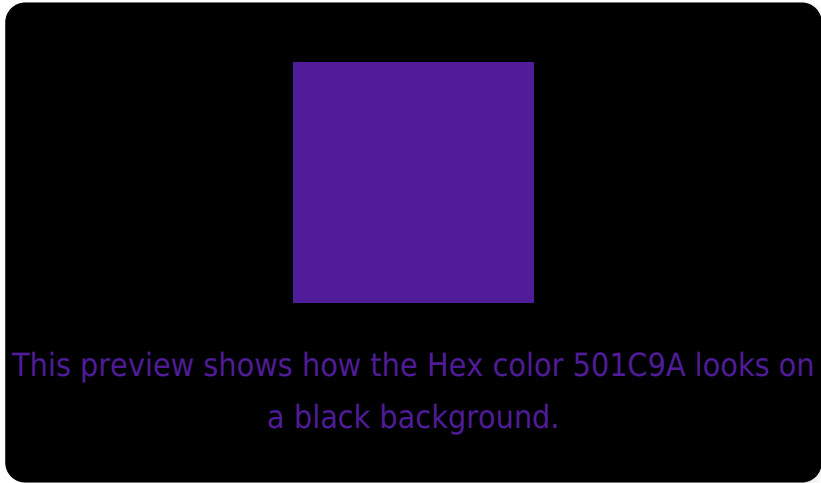
Large Text (above 18pt) WCAG AA ✓ Pass

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

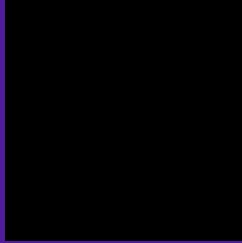
Any Text WCAG AA × Fail

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 501C9A Background



This preview shows how black text looks on a background with the Hex color 501C9A.



This preview shows how white text looks on a background with the Hex color 501C9A.

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](#).

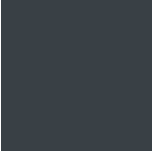
Dichromacy



Original Color
501C9A

Protanopia
003D81

Deuteranopia
00416E



Tritanopia
394045

Trichromacy



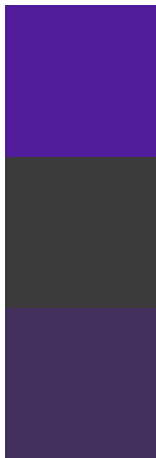
Original Color
501C9A

Protanomaly
1D318A

Deuteranomaly
1D347E

Tritanomaly
413364

Monochromacy



Original Color
501C9A

Achromatopsia
3A3A3A

Achromatomaly
422F5D

CSS Examples

Text

The CSS property to change the color of the text to Hex 501C9A 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 #501C9A looks like.

```
.text, #text, p{  
    color:#501C9A  
}
```

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 #501C9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #501C9A
}
```

Border

The CSS property to change the border of an element to Hex 501C9A 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
#501C9A }
```

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

```
.border{ border-color:#501C9A }
```

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

Here you see how a box with a 4 pixel #501C9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #501C9A; -webkit-box-shadow:4px 4px  
4px 4px #501C9A; box-shadow:4px 4px 4px  
4px #501C9A }
```

Background

The CSS property to change the background color of an element to Hex 501C9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#501C9A }
```

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

```
.background{ background-color:#501C9A }
```

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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