

Converting Colors

Hex(501D92)

Have a look what the booklet for
Hex(501D92) contains.

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Color

Hex(501D92)

Conversions

Conversions Part 1

Format	Color
Hex	501D92
RGB	80, 29, 146
RGB Percent	31%, 11%, 57%
CMY	0.6863, 0.8863, 0.4275
CMYK	0.45, 0.80, 0.00, 0.43
HSL	266°, 67%, 34%
HSV	266°, 80%, 57%
XYZ	8.9359, 4.6595, 27.6225
YIQ	57.5870, -7.1610, 47.1990

Conversions

Conversions Part 2

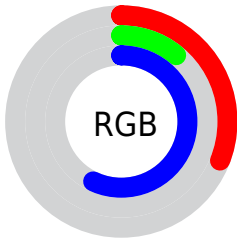
Format	Color
R_{YB}	80, 29, 146
Decimal	5250450
CIE _{Lab}	25.74, 47.43, -54.64
CIE _{LCh}	26, 72.356, 310.961
Yxy	4.6595, 0.2168, 0.1130
Android (android.graphics.Color)	4283440530 (0xFF501D92)
YUV	57.5870, 43.5876, 19.6562
Hunter-Lab	21.5859, 36.1183, -60.7605




Details

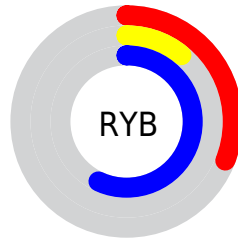
The Hex color **501D92** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **5F921D**, and the grayscale version is **393939**.




A 20% lighter version of the original color is **8750C9**, and **13005E** is the 20% darker color. If you saturate the color by 10%, you get **480E92**, and if you desaturate by 10%, it is **582C92**.

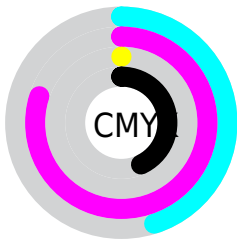
Distribution







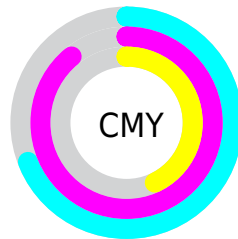
-  Red (31%)
-  Green (11%)
-  Blue (57%)






-  Red (31%)
-  Yellow (11%)
-  Blue (57%)



-  Cyan (45%)
-  Magenta (80%)
-  Yellow (0%)
-  Black (43%)



-  Cyan (69%)
-  Magenta (89%)
-  Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 501D92 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 501D92 by changing the saturation by 10% instead.

■ 501D92

■ 501D92

FFFFFF

■ 340078

■ 8750C9

■ 13005E

■ A469E5

■ 000046

■ C083FF

■ 00042E

■ DD9EFF

■ 000119

■ FBBAFF

■ 000000

■ FFD6FF

■ FFF3FF

■ 501D92

■ 501D92

■ 480E92

■ 582C92

■ 400092

■ 603A92

■ 694992

■ 715792

■ 796692

■ 817592

■ 8A8392

■ 929292

■ 9AA092

Harmonies

Analogous

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



003FAC



501D92



880062

Triad

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



501D92



672C00



005151

Complementary

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



501D92



5F921D

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.



004F15



501D92



394100

Square

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



501D92



880000



004B00



005185

Rectangle

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



501D92



95003E



004B00



00503D

Sweetspot

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



501D92



A38FBD



1D5F92



4F435E



DEDEDE



5E5E5E

Same Dimension

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



501D92



5708BD



8A1D92



46434A



3C008A



04000A

Inverse Universe

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



921D5F



BD086E



25921D



4A4347



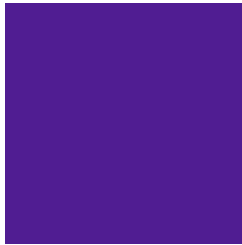
8A004E



0A0006

Previews

White Background



This preview shows how the Hex color 501D92 looks on a white background.

Color Contrast Check

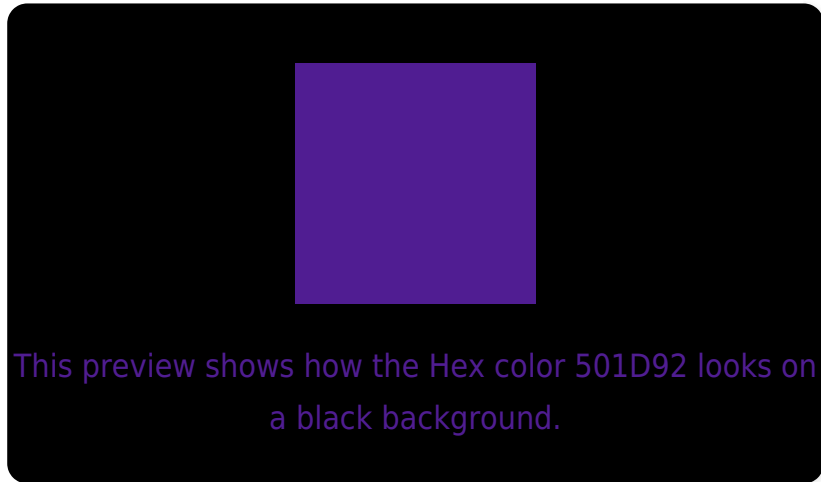
Large Text (above 18pt) WCAG AA ✓ Pass

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

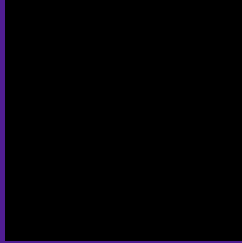
Any Text WCAG AA × Fail

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 501D92 Background



This preview shows how black text looks on a background with the Hex color 501D92.



This preview shows how white text looks on a background with the Hex color 501D92.

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
501D92

Protanopia
003C7E

Deuteranopia
00406C



Tritanopia
3C3E43

Trichromacy



Original Color
501D92

Protanomaly
1D3185

Deuteranomaly
1D337A

Tritanomaly
433260

Monochromacy



Original Color
501D92

Achromatopsia
3A3A3A

Achromatomaly
422F5A

CSS Examples

Text

The CSS property to change the color of the text to Hex 501D92 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 #501D92 looks like.

```
.text, #text, p{  
    color:#501D92  
}
```

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 #501D92 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #501D92
}
```

Border

The CSS property to change the border of an element to Hex 501D92 is called "border". The border property can be set on classes, ids or directly on the HTML element.

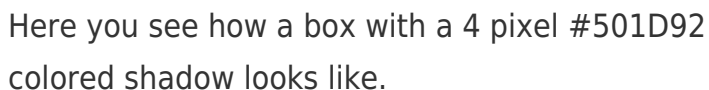
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#501D92 }
```

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

```
.border{ border-color:#501D92 }
```

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



Here you see how a box with a 4 pixel #501D92 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #501D92; -webkit-box-shadow:4px 4px  
4px 4px #501D92; box-shadow:4px 4px 4px  
4px #501D92 }
```

Background

The CSS property to change the background color of an element to Hex 501D92 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#501D92 }
```

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

```
.background{ background-color:#501D92 }
```

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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