

Converting Colors

Hex(501D87)

Have a look what the booklet for
Hex(501D87) contains.

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Color

Hex(501D87)

Conversions

Conversions Part 1

Format	Color
Hex	501D87
RGB	80, 29, 135
RGB Percent	31%, 11%, 53%
CMY	0.6863, 0.8863, 0.4706
CMYK	0.41, 0.79, 0.00, 0.47
HSL	269°, 65%, 32%
HSV	269°, 79%, 53%
XYZ	8.1208, 4.3335, 23.3301
YIQ	56.3330, -3.6300, 43.7780

Conversions

Conversions Part 2

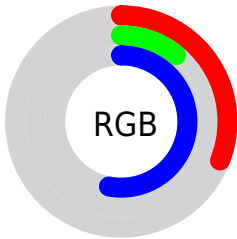
Format	Color
R_{YB}	80, 29, 135
Decimal	5250439
CIE _{Lab}	24.74, 44.60, -49.43
CIE _{LCh}	25, 66.574, 312.058
Yxy	4.3335, 0.2269, 0.1211
Android (android.graphics.Color)	4283440519 (0xFF501D87)
YUV	56.3330, 38.7828, 20.7560
Hunter-Lab	20.8170, 33.2039, -51.8758

Details

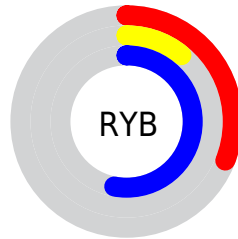
The Hex color **501D87** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **54871D**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **864FBD**, and **180054** is the 20% darker color. If you saturate the color by 10%, you get **491087**, and if you desaturate by 10%, it is **572B87**.

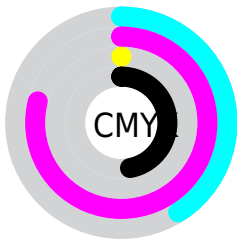
Distribution



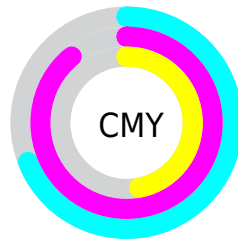
- Red (31%)
- Green (11%)
- Blue (53%)



- Red (31%)
- Yellow (11%)
- Blue (53%)



- Cyan (41%)
- Magenta (79%)
- Yellow (0%)
- Black (47%)



- Cyan (69%)
- Magenta (89%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 501D87 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 501D87 by changing the saturation by 10% instead.

■ 501D87

■ 501D87

FFFFFF

■ 35006D

■ 864FBD

■ 180054

■ A268D9

■ 00003C

■ BE82F6

■ 000225

■ DB9DFF

■ 00010E

■ F9B9FF

■ 000000

■ FFD5FF

■ FFF1FF

■ 501D87

■ 501D87

■ 491087

■ 572B87

■ 420287

■ 5E3887

■ 410087

■ 654687

■ 6C5387

■ 736187

■ 7A6E87

■ 817B87

■ 888987

■ 8F9687

Harmonies

Analogous

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



003CA0



501D87



81005B

Triad

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



501D87



612C00



004D4F

Complementary

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



501D87



54871D

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.



004C19



501D87



373F00

Square

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



501D87



800000



004800



004D7E

Rectangle

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



501D87



8C003A



004800



004D3D

Sweetspot

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



501D87



9A86B0



1D5687



4C3F59



D9D9D9



595959

Same Dimension

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



501D87



5A0BB0



831D87



3F3C42



3F0082



010003

Inverse Universe

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



871D54



B00B60



21871D



423C3F



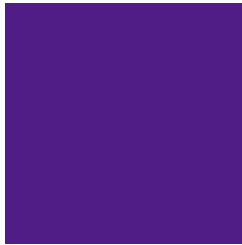
820043



030001

Previews

White Background



This preview shows how the Hex color 501D87 looks on a white background.

Color Contrast Check

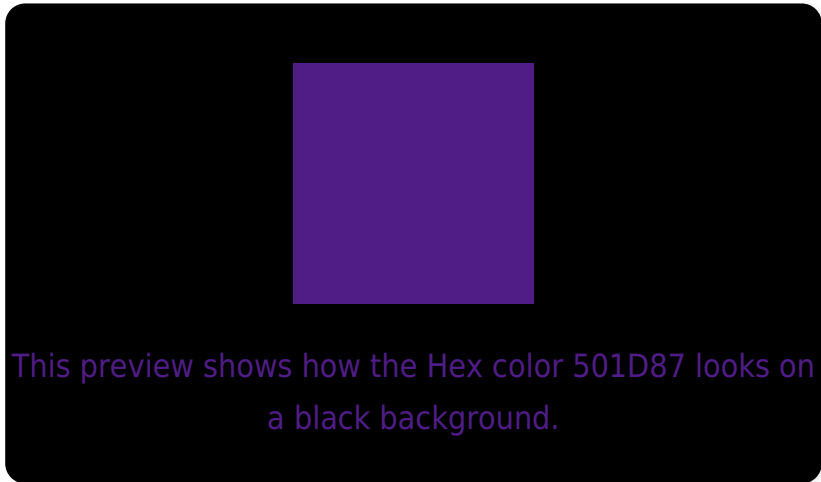
Large Text (above 18pt) WCAG AA ✓ Pass

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

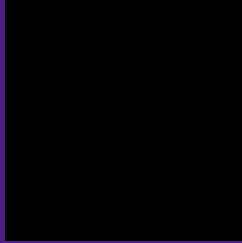
Any Text WCAG AA × Fail

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 501D87 Background



This preview shows how black text looks on a background with the Hex color 501D87.

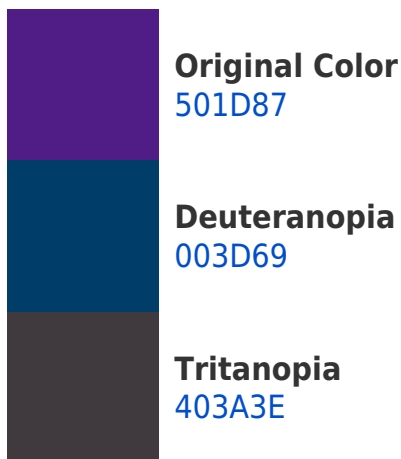


This preview shows how white text looks on a background with the Hex color 501D87.

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



Trichromacy

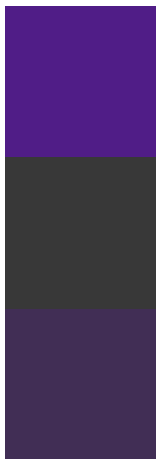


Original Color
501D87

Deuteranomaly
1D3174

Tritanomaly
462F59

Monochromacy



Original Color
501D87

Achromatopsia
383838

Achromatomaly
412E55

CSS Examples

Text

The CSS property to change the color of the text to Hex 501D87 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 #501D87 looks like.

```
.text, #text, p{  
    color:#501D87  
}
```

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 #501D87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #501D87
}
```

Border

The CSS property to change the border of an element to Hex 501D87 is called "border". The border property can be set on classes, ids or directly on the HTML element.

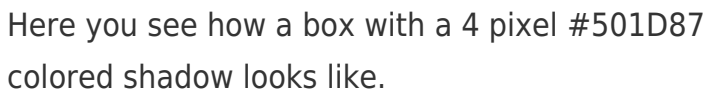
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#501D87 }
```

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

```
.border{ border-color:#501D87 }
```

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



Here you see how a box with a 4 pixel #501D87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #501D87; -webkit-box-shadow:4px 4px  
4px 4px #501D87; box-shadow:4px 4px 4px  
4px #501D87 }
```

Background

The CSS property to change the background color of an element to Hex 501D87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#501D87 }
```

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

```
.background{ background-color:#501D87 }
```

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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