

Converting Colors

Hex(501147)

Have a look what the booklet for
Hex(501147) contains.

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Color

Hex(501147)

Conversions

Conversions Part 1

Format	Color
Hex	501147
RGB	80, 17, 71
RGB Percent	31%, 7%, 28%
CMY	0.6863, 0.9333, 0.7216
CMYK	0.00, 0.79, 0.11, 0.69
HSL	309°, 65%, 19%
HSV	309°, 79%, 31%
XYZ	4.6460, 2.5613, 6.2107
YIQ	41.9930, 20.2140, 30.1500

Conversions

Conversions Part 2

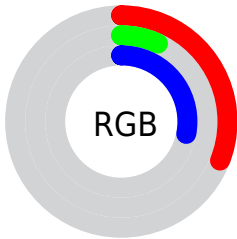
Format	Color
R_{YB}	80, 17, 71
Decimal	5247303
CIE _{Lab}	18.19, 35.43, -18.03
CIE _{LCh}	18, 39.757, 333.025
Yxy	2.5613, 0.3463, 0.1909
Android (android.graphics.Color)	4283437383 (0xFF501147)
YUV	41.9930, 14.3005, 33.3321
Hunter-Lab	16.0041, 23.8121, -11.8060

Details

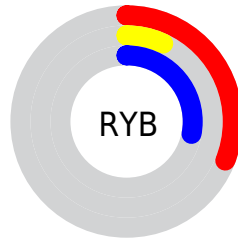
The Hex color **501147** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **11501A**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **844378**, and **23001C** is the 20% darker color. If you saturate the color by 10%, you get **500946**, and if you desaturate by 10%, it is **501948**.

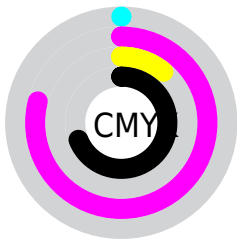
Distribution



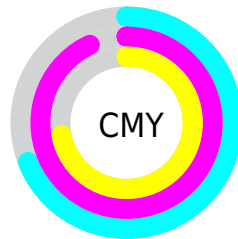
- Red (31%)
- Green (7%)
- Blue (28%)



- Red (31%)
- Yellow (7%)
- Blue (28%)



- Cyan (0%)
- Magenta (79%)
- Yellow (11%)
- Black (69%)



- Cyan (69%)
- Magenta (93%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 501147 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 501147 by changing the saturation by 10% instead.

■ 501147

■ 501147

FFFFFF

■ 370030

■ 844378

■ 23001C

■ 9E5C91

■ 000000

■ BA75AC

■ D68FC7

■ F3AAE4

■ FFC6FF

■ FFE2FF

■ 501147

■ 501147

■ 500946

■ 501948

■ 500145

■ 502149

■ 500045

■ 50294A

■ 50314C

■ 50394D

■ 50414E

■ 50494F

■ 505150

■ 505951

Harmonies

Analogous

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



2D235D



501147



5D032B

Triad

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



501147



352C00



00384B

Complementary

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



501147



11501A

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.



00382F



501147



193300

Square

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



501147



4C2000



003710



003660

Rectangle

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



501147



5D0918



003710



003942

Sweetspot

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



501147



694F65



191150



362633



B5B5B5



363636

Same Dimension

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



501147



69055A



501128



292528



69005A



E800C7

Inverse Universe

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



501147



69055A



115039



292528



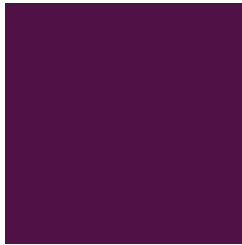
69005A



E800C7

Previews

White Background



This preview shows how the Hex color 501147 looks on a white background.

Color Contrast Check

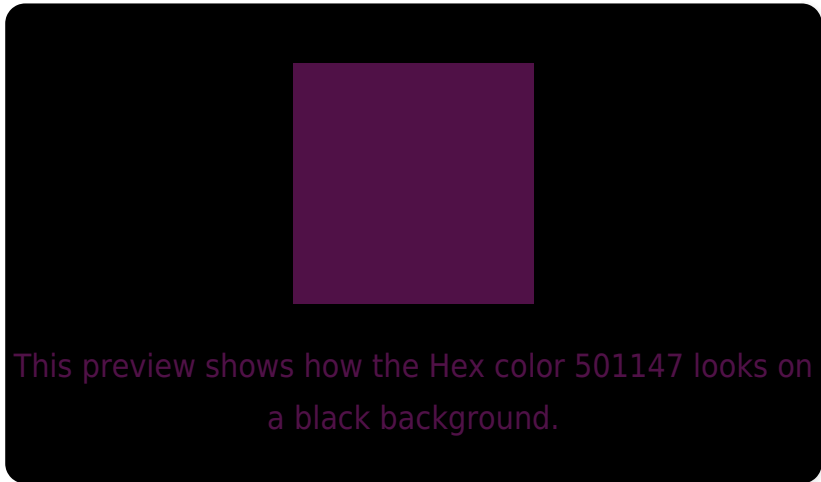
Large Text (above 18pt) WCAG AA ✓ Pass

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

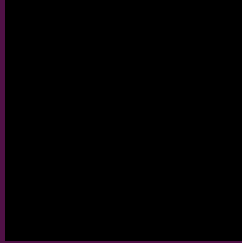
Any Text WCAG AA × Fail

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 501147 Background



This preview shows how black text looks on a background with the Hex color 501147.

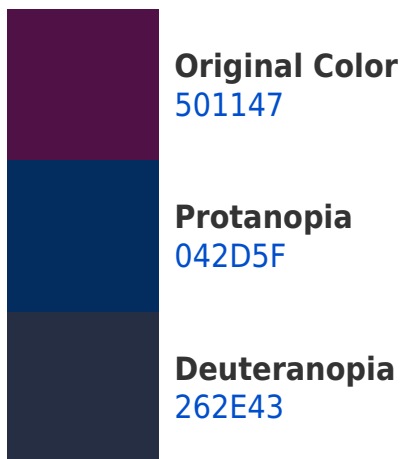


This preview shows how white text looks on a background with the Hex color 501147.

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





Tritanopia
4C1F21

Trichromacy



Original Color
501147

Protanomaly
202356

Deuteranomaly
352344

Tritanomaly
4D1A2F

Monochromacy



Original Color
501147

Achromatopsia
2A2A2A

Achromatomaly
382135

CSS Examples

Text

The CSS property to change the color of the text to Hex 501147 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 #501147 looks like.

```
.text, #text, p{  
    color:#501147  
}
```

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 #501147 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #501147
}
```

Border

The CSS property to change the border of an element to Hex 501147 is called "border". The border property can be set on classes, ids or directly on the HTML element.

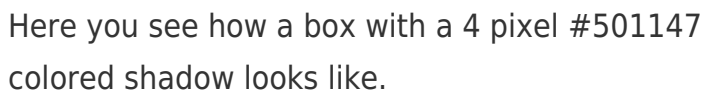
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#501147 }
```

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

```
.border{ border-color:#501147 }
```

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



Here you see how a box with a 4 pixel #501147 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #501147; -webkit-box-shadow:4px 4px  
4px 4px #501147; box-shadow:4px 4px 4px  
4px #501147 }
```

Background

The CSS property to change the background color of an element to Hex 501147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#501147 }
```

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

```
.background{ background-color:#501147 }
```

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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