

Converting Colors

Hex(501563)

Have a look what the booklet for
Hex(501563) contains.

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Color

Hex(501563)

Conversions

Conversions Part 1

Format	Color
Hex	501563
RGB	80, 21, 99
RGB Percent	31%, 8%, 39%
CMY	0.6863, 0.9176, 0.6118
CMYK	0.19, 0.79, 0.00, 0.61
HSL	285°, 65%, 24%
HSV	285°, 79%, 39%
XYZ	5.8286, 3.1427, 12.1038
YIQ	47.5330, 10.1260, 36.7660

Conversions

Conversions Part 2

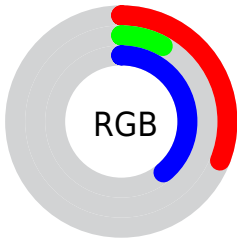
Format	Color
RYB	80, 21, 99
Decimal	5248355
CIELab	20.61, 39.39, -33.05
CIELCh	21, 51.415, 319.998
Yxy	3.1427, 0.2766, 0.1491
Android (android.graphics.Color)	4283438435 (0xFF501563)
YUV	47.5330, 25.3732, 28.4736
Hunter-Lab	17.7275, 27.6651, -28.0720

Details

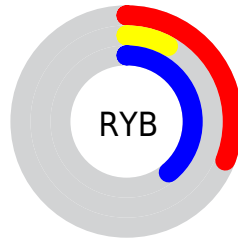
The Hex color **501563** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **286315**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **844796**, and **230034** is the 20% darker color. If you saturate the color by 10%, you get **4E0B63**, and if you desaturate by 10%, it is **521F63**.

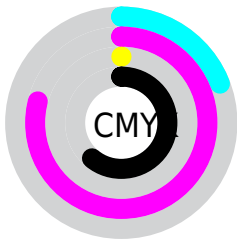
Distribution



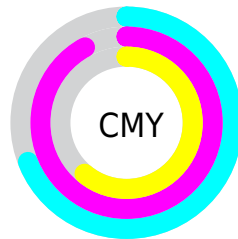
- Red (31%)
- Green (8%)
- Blue (39%)



- Red (31%)
- Yellow (8%)
- Blue (39%)



- Cyan (19%)
- Magenta (79%)
- Yellow (0%)
- Black (61%)



- Cyan (69%)
- Magenta (92%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 501563 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 501563 by changing the saturation by 10% instead.

■ 501563

■ 501563

FFFFFF

■ 37004B

■ 844796

■ 230034

■ 9F60B1

■ 00021D

■ BB7ACD

■ 000000

■ D794E9

■ F4AFFF

■ FFCBFF

■ FFE8FF

■ 501563

■ 501563

■ 4E0B63

■ 521F63

■ 4B0163

■ 552963

■ 4B0063

■ 573363

■ 5A3D63

■ 5C4763

■ 5E5063

■ 615A63

■ 636463

■ 666E63

Harmonies

Analogous

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



002E7A



501563



6C0040

Triad

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



501563



492C00



00414B

Complementary

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



501563



286315

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.



004023



501563



263700

Square

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



501563



621500



003D00



00406C

Rectangle

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



501563



710027



003D00



00403E

Sweetspot

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



501563



786180



152963



3B2D40



BFBFBF



404040

Same Dimension

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



501563



620680



631550



2F2C30



550070



B500F0

Inverse Universe

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



631528



800624



156329



302C2D



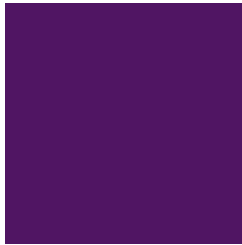
70001B



F0003A

Previews

White Background



This preview shows how the Hex color 501563 looks on a white background.

Color Contrast Check

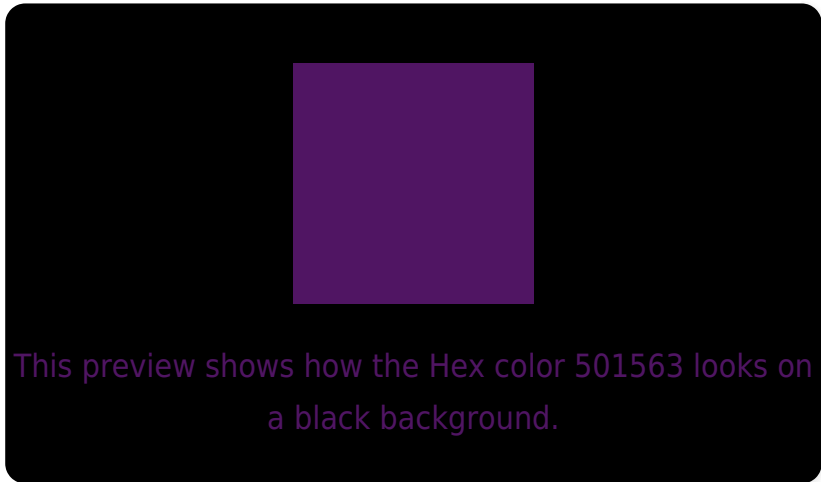
Large Text (above 18pt) WCAG AA ✓ Pass

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

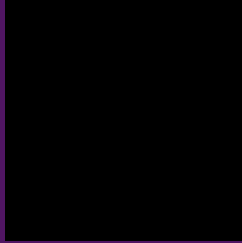
Any Text WCAG AA × Fail

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 501563 Background



This preview shows how black text looks on a background with the Hex color 501563.



This preview shows how white text looks on a background with the Hex color 501563.

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
501563

Protanopia
003168

Deuteranopia
00345C



Tritanopia
482A2E

Trichromacy



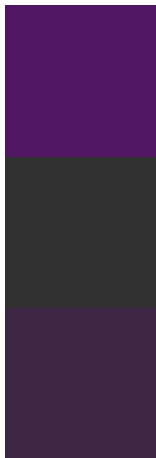
Original Color
501563

Protanomaly
1D2766

Deuteranomaly
1D295F

Tritanomaly
4B2241

Monochromacy



Original Color
501563

Achromatopsia
303030

Achromatomaly
3C2643

CSS Examples

Text

The CSS property to change the color of the text to Hex 501563 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 #501563 looks like.

```
.text, #text, p{  
    color:#501563  
}
```

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 #501563 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #501563
}
```

Border

The CSS property to change the border of an element to Hex 501563 is called "border". The border property can be set on classes, ids or directly on the HTML element.

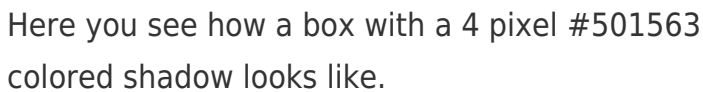
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#501563 }
```

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

```
.border{ border-color:#501563 }
```

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



Here you see how a box with a 4 pixel #501563 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #501563; -webkit-box-shadow:4px 4px  
4px 4px #501563; box-shadow:4px 4px 4px  
4px #501563 }
```

Background

The CSS property to change the background color of an element to Hex 501563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#501563 }
```

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

```
.background{ background-color:#501563 }
```

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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