

# Converting Colors

Hex(501037)

Have a look what the booklet for  
Hex(501037) contains.

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**Color**

**Hex(501037)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	501037
RGB	80, 16, 55
RGB Percent	31%, 6%, 22%
CMY	0.6863, 0.9373, 0.7843
CMYK	0.00, 0.80, 0.31, 0.69
HSL	323°, 67%, 19%
HSV	323°, 80%, 31%
XYZ	4.1831, 2.3519, 3.8479
YIQ	39.5820, 25.6250, 25.6970

# Conversions

## Conversions Part 2

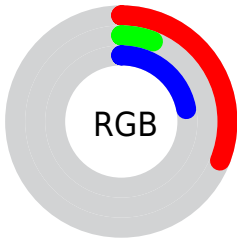
Format	Color
<code>RYB</code>	<code>80, 16, 55</code>
Decimal	<code>5247031</code>
CIELab	<code>17.24, 33.28, -8.33</code>
CIELCh	<code>17, 34.305, 345.946</code>
Yxy	<code>2.3519, 0.4029, 0.2265</code>
Android ( <code>android.graphics.Color</code> )	<code>4283437111 (0xFF501037)</code>
YUV	<code>39.5820, 7.6011, 35.4466</code>
Hunter-Lab	<code>15.3359, 21.8514, -4.1413</code>




# Details

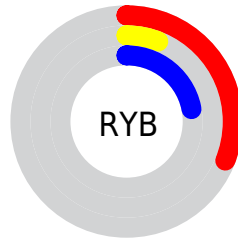
The Hex color **501037** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **105029**, and the grayscale version is **272727**.




A 20% lighter version of the original color is **844166**, and **22000A** is the 20% darker color. If you saturate the color by 10%, you get **500834**, and if you desaturate by 10%, it is **50183A**.

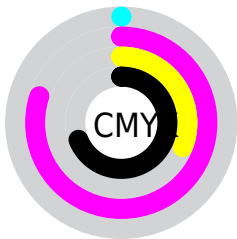
# Distribution







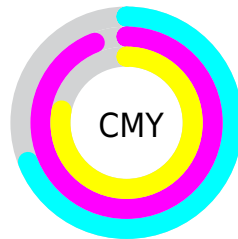
-  Red (31%)
-  Green (6%)
-  Blue (22%)






-  Red (31%)
-  Yellow (6%)
-  Blue (22%)



-  Cyan (0%)
-  Magenta (80%)
-  Yellow (31%)
-  Black (69%)



-  Cyan (69%)
-  Magenta (94%)
-  Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 501037 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 501037 by changing the saturation by 10% instead.



 501037

 501037

 FFFDFD

 370022

 844166

 22000A

 9F5A7F

 000000

 BB7399

 D78EB4

 F4A9CF

 FFC4EB

 FFE0FF

 501037

 501037

■ 500834

■ 50183A

■ 500031

■ 50203D

■ 502840

■ 503044

■ 503847

■ 50404A

■ 50484D

■ 505050

■ 505853

# Harmonies

## Analogous

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



3B1D4D



501037



550E1E

# Triad

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



501037



2A2D00



00344D

# Complementary

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



501037



105029

# 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.



003537



501037



0A3201

# Square

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



501037



3F2500



00351E



00315A

# Rectangle

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



501037



52150E



00351E



003547



# Sweetspot

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



501037



694F5F



291050



36262F



B5B5B5



363636



# Same Dimension

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



501037



690441



501017



292527



690040



E8008D



# Inverse Universe

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



501037



690441



105049



292527



690040

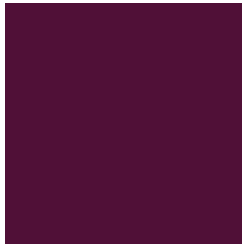


E8008D



# Previews

## White Background



This preview shows how the Hex color 501037 looks on a white background.

## Color Contrast Check

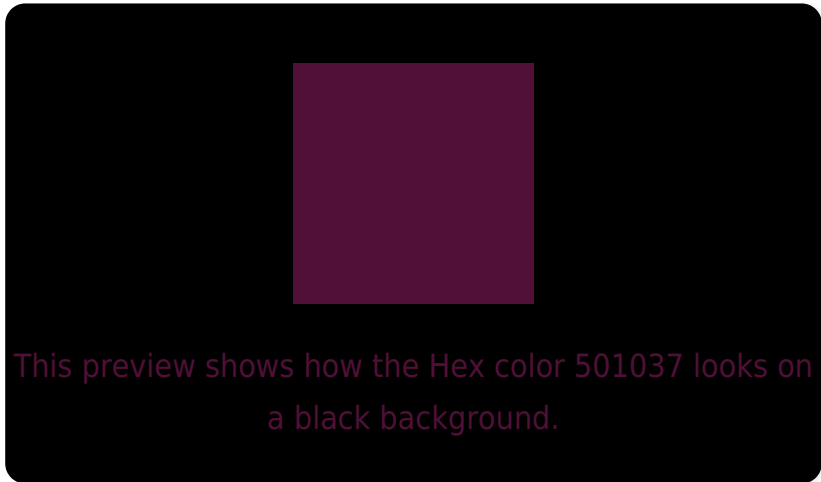
Large Text (above 18pt) WCAG AA ✓ Pass

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

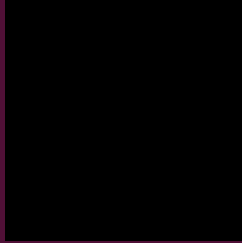
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 501037 Background



This preview shows how black text looks on a background with the Hex color 501037.



This preview shows how white text looks on a background with the Hex color 501037.

# 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**  
501037

**Protanopia**  
202B4A

**Deuteranopia**  
2D2B34



**Tritanopia**  
4E1A1B

# Trichromacy



**Original Color**  
501037

**Protanomaly**  
312143

**Deuteranomaly**  
3A2135

**Tritanomaly**  
4F1625

# Monochromacy



**Original Color**  
501037

**Achromatopsia**  
282828

**Achromatomaly**  
371F2D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 501037 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 #501037 looks like.

```
.text, #text, p{  
    color:#501037  
}
```

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 #501037 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #501037
}
```

## Border

The CSS property to change the border of an element to Hex 501037 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
#501037 }
```

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

```
.border{ border-color:#501037 }
```

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

Here you see how a box with a 4 pixel #501037 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #501037; -webkit-box-shadow:4px 4px  
4px 4px #501037; box-shadow:4px 4px 4px  
4px #501037 }
```

# Background

The CSS property to change the background color of an element to Hex 501037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#501037 }
```

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

```
.background{ background-color:#501037 }
```

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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