

# Converting Colors

Hex(501603)

Have a look what the booklet for  
Hex(501603) contains.

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**Color**

**Hex(501603)**

# Conversions

## Conversions Part 1

| Format      | Color                    |
|-------------|--------------------------|
| Hex         | 501603                   |
| RGB         | 80, 22, 3                |
| RGB Percent | 31%, 9%, 1%              |
| CMY         | 0.6863, 0.9137, 0.9882   |
| CMYK        | 0.00, 0.72, 0.96, 0.69   |
| HSL         | 15°, 93%, 16%            |
| HSV         | 15°, 96%, 31%            |
| XYZ         | 3.6116, 2.2859, 0.3370   |
| YIQ         | 37.1760, 40.6670, 6.3870 |

# Conversions

## Conversions Part 2

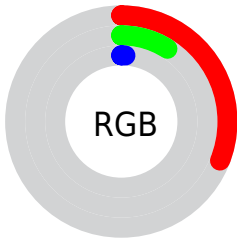
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 80, 28, 3                     |
| Decimal                             | 5248515                       |
| CIE Lab                             | 16.92, 26.19, 24.35           |
| CIE LCh                             | 17, 35.767, 42.915            |
| Yxy                                 | 2.2859, 0.5793,<br>0.3666     |
| Android<br>(android.graphics.Color) | 4283438595<br>(0xFF501603)    |
| YUV                                 | 37.1760, -16.8488,<br>37.5566 |
| Hunter-Lab                          | 15.1191, 16.1813,<br>9.2618   |

# Details

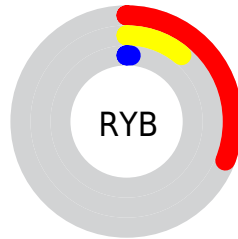
The Hex color **501603** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **033D50**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **864431**, and **1A0001** is the 20% darker color. If you saturate the color by 10%, you get **501400**, and if you desaturate by 10%, it is **501C0B**.

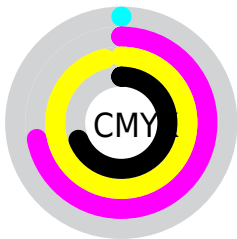
# Distribution



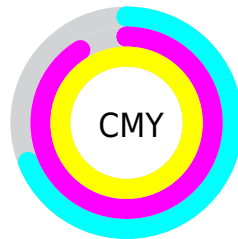
- Red (31%)
- Green (9%)
- Blue (1%)



- Red (31%)
- Yellow (11%)
- Blue (1%)



- Cyan (0%)
- Magenta (72%)
- Yellow (96%)
- Black (69%)



- Cyan (69%)
- Magenta (91%)
- Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 501603 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 501603 by changing the saturation by 10% instead.



 501603

 501603

 FFFFE4

 360000

 864431

 1A0001

 A25D48

 000000

 BF7660

 DC9078

 FAAB92

 FFC6AD

 FFE2C8

 501603

 501603

■ 501400

■ 501C0B

■ 502213

■ 50281B

■ 502E23

■ 50342B

■ 503A33

■ 50403B

■ 504643

■ 504C4B

# Harmonies

## Analogous

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



560920



501603



412300

# Triad

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



501603



00341A



00295C

# Complementary

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



501603



033D50

# 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.



00315B



501603



003534

# Square

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



501603



0C3100



00344C



381D50

# Rectangle

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



501603



332900



00344C



002C5D



# Sweetspot

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



501603



69524A



50033E



362723



B5B5B5



363636



# Same Dimension

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



501603



691A00



503B03



292625



E83900

# Inverse Universe

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



033D50



004F69



031850



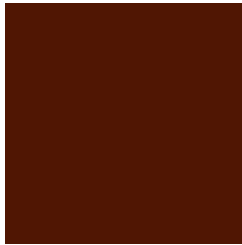
252829



00AFE8

# Previews

## White Background



This preview shows how the Hex color 501603 looks on a white background.

## Color Contrast Check

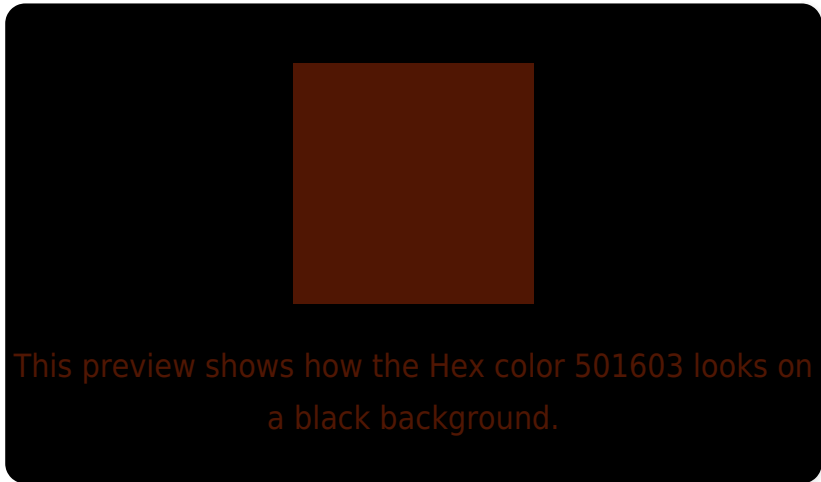
Large Text (above 18pt) WCAG AA ✓ Pass

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

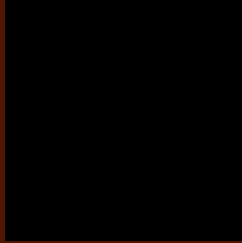
Any Text WCAG AA × Fail

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 501603 Background



This preview shows how black text looks on a background with the Hex color 501603.



This preview shows how white text looks on a background with the Hex color 501603.

# 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**  
501603

**Protanopia**  
312C0A

**Deuteranopia**  
372900





**Tritanopia**  
501515

# Trichromacy



**Original Color**

501603

**Protanomaly**

3C2407

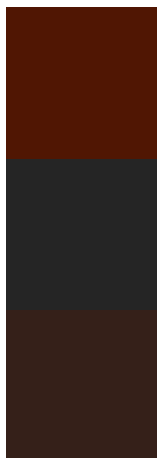
**Deuteranomaly**

402201

**Tritanomaly**

50150E

# Monochromacy



**Original Color**

501603

**Achromatopsia**

252525

**Achromatomaly**

352019

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 501603 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 #501603 looks like.

```
.text, #text, p{  
    color:#501603  
}
```

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 #501603 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #501603
}
```

## Border

The CSS property to change the border of an element to Hex 501603 is called "border". The border property can be set on classes, ids or directly on the HTML element.

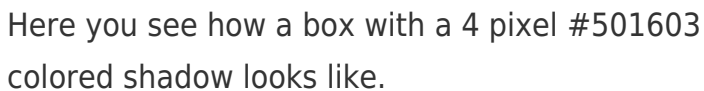
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#501603 }
```

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

```
.border{ border-color:#501603 }
```

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



Here you see how a box with a 4 pixel #501603 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #501603; -webkit-box-shadow:4px 4px  
4px 4px #501603; box-shadow:4px 4px 4px  
4px #501603 }
```

# Background

The CSS property to change the background color of an element to Hex 501603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#501603 }
```

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

```
.background{ background-color:#501603 }
```

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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