

Converting Colors

Hex(500011)

Have a look what the booklet for
Hex(500011) contains.

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Color

Hex(500011)

Conversions

Conversions Part 1

Format	Color
Hex	500011
RGB	80, 0, 17
RGB Percent	31%, 0%, 7%
CMY	0.6863, 1.0000, 0.9333
CMYK	0.00, 1.00, 0.79, 0.69
HSL	347°, 100%, 16%
HSV	347°, 100%, 31%
XYZ	3.4094, 1.7459, 0.6876
YIQ	25.8580, 42.2230, 22.2470

Conversions

Conversions Part 2

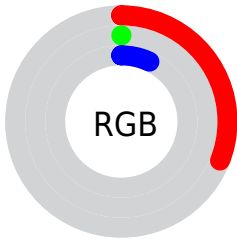
Format	Color
R_{YB}	80, 0, 17
Decimal	5242897
CIE _{Lab}	14.09, 35.19, 14.46
CIE _{LCh}	14, 38.044, 22.345
Yxy	1.7459, 0.5835, 0.2988
Android (android.graphics.Color)	4283432977 (0xFF500011)
YUV	25.8580, -4.3670, 47.4825
Hunter-Lab	13.2134, 22.9347, 6.1640

Details

The Hex color **500011** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **00503F**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **87363B**, and **150000** is the 20% darker color. If you saturate the color by 10%, you get **500011**, and if you desaturate by 10%, it is **500817**.

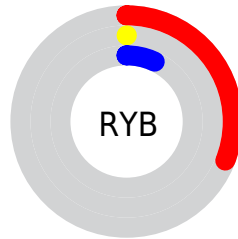
Distribution



Red (31%)

Green (0%)

Blue (7%)



Red (31%)

Yellow (0%)

Blue (7%)

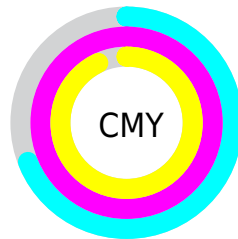


Cyan (0%)

Magenta (100%)

Yellow (79%)

Black (69%)



Cyan (69%)

Magenta (100%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 500011 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 500011 by changing the saturation by 10% instead.

 500011

 500011

 FFF1F0

 370000

 87363B

 150000

 A34E52

 000000

 C0686A

 DD8283

 FB9D9D

 FFB8B8

 FFD4D4

 500011

■ 500817

■ 50101E

■ 501824

■ 50202A

■ 502831

■ 503037

■ 50383D

■ 504043

■ 50484A

Harmonies

Analogous

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



4E002C



500011



461300

Triad

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



500011



002C00



002959

Complementary

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



500011



00503F

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.



002E4E



500011



002F1C

Square

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



500011



1B2800



002F37



072056

Rectangle

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



500011



3A1D00



002F37



002B57

Sweetspot

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



500011



694950



3F0050



362226



B5B5B5



363636

Same Dimension

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



500011



690016



501700



292526



E80031

Inverse Universe

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



500011



690016



003950



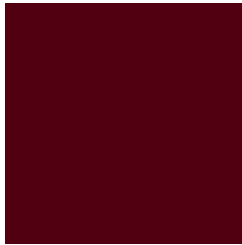
292526



E80031

Previews

White Background



This preview shows how the Hex color 500011 looks on a white background.

Color Contrast Check

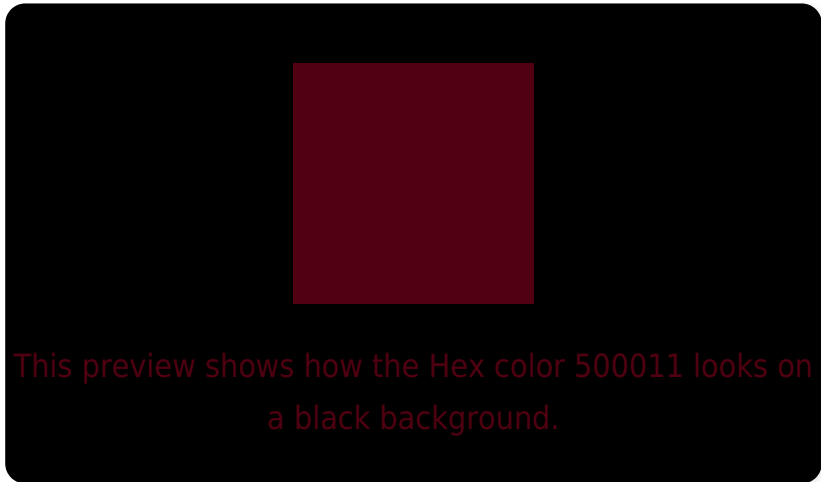
Large Text (above 18pt) WCAG AA ✓ Pass

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 500011 Background



This preview shows how black text looks on a background with the Hex color 500011.

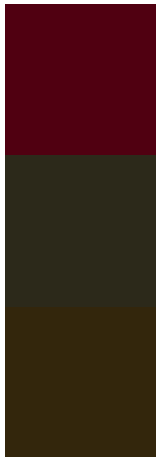


This preview shows how white text looks on a background with the Hex color 500011.

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
500011

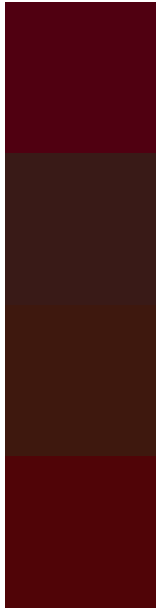
Protanopia
2C291A

Deuteranopia
33260C



Tritanopia
500702

Trichromacy



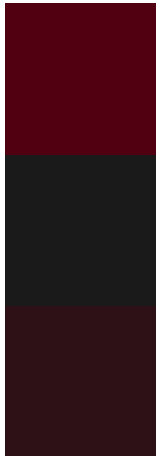
Original Color
500011

Protanomaly
391A17

Deuteranomaly
3E180E

Tritanomaly
500407

Monochromacy



Original Color
500011

Achromatopsia
1A1A1A

Achromatomaly
2E1117

CSS Examples

Text

The CSS property to change the color of the text to Hex 500011 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 #500011 looks like.

```
.text, #text, p{  
    color:#500011  
}
```

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 #500011 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #500011
}
```

Border

The CSS property to change the border of an element to Hex 500011 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
#500011 }
```

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

```
.border{ border-color:#500011 }
```

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

Here you see how a box with a 4 pixel #500011 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #500011; -webkit-box-shadow:4px 4px  
4px 4px #500011; box-shadow:4px 4px 4px  
4px #500011 }
```

Background

The CSS property to change the background color of an element to Hex 500011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#500011 }
```

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

```
.background{ background-color:#500011 }
```

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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