

Converting Colors

Hex(500039)

Have a look what the booklet for
Hex(500039) contains.

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Color

Hex(500039)

Conversions

Conversions Part 1

Format	Color
Hex	500039
RGB	80, 0, 57
RGB Percent	31%, 0%, 22%
CMY	0.6863, 1.0000, 0.7765
CMYK	0.00, 1.00, 0.29, 0.69
HSL	317°, 100%, 16%
HSV	317°, 100%, 31%
XYZ	4.0468, 2.0009, 4.0438
YIQ	30.4180, 29.3830, 34.6870

Conversions

Conversions Part 2

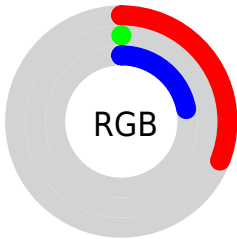
Format	Color
R_{YB}	80, 0, 57
Decimal	5242937
CIE _{Lab}	15.49, 38.85, -12.43
CIE _{LCh}	15, 40.793, 342.257
Yxy	2.0009, 0.4010, 0.1983
Android (android.graphics.Color)	4283433017 (0xFF500039)
YUV	30.4180, 13.1049, 43.4834
Hunter-Lab	14.1453, 26.3125, -7.0480

Details

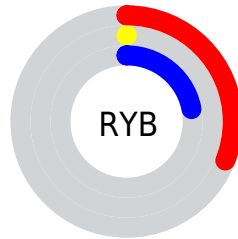
The Hex color **500039** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **005017**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **843868**, and **1F000C** is the 20% darker color. If you saturate the color by 10%, you get **500039**, and if you desaturate by 10%, it is **50083B**.

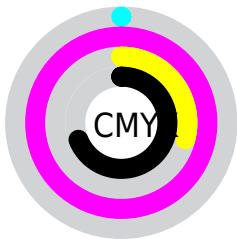
Distribution



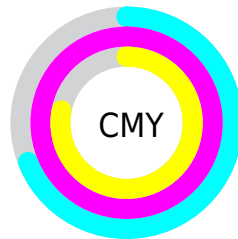
- Red (31%)
- Green (0%)
- Blue (22%)



- Red (31%)
- Yellow (0%)
- Blue (22%)



- Cyan (0%)
- Magenta (100%)
- Yellow (29%)
- Black (69%)



- Cyan (69%)
- Magenta (100%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 500039 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 500039 by changing the saturation by 10% instead.

 500039

 500039

 FFF4FF

 370023

 843868

 1F000C

 A05181

 000000

 BC6A9B

 D885B6

 F5A0D2

 FFBEE

 FFD7FF

 500039

■ 50083B

■ 50103E

■ 501840

■ 502042

■ 502845

■ 503047

■ 503849

■ 50404B

■ 50484E

Harmonies

Analogous

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



351852



500039



57001C

Triad

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



500039



262900



00324D

Complementary

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



500039



005017

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.



003332



500039



022F00

Square

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



500039



3F1F00



003214



002F5E

Rectangle

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



500039



540405



003214



003245

Sweetspot

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



500039



694960



170050



362230



B5B5B5



363636

Same Dimension

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



500039



69004A



500011



292528



E800A5

Inverse Universe

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



500039



69004A



00503F



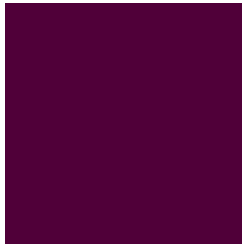
292528



E800A5

Previews

White Background



This preview shows how the Hex color 500039 looks on a white background.

Color Contrast Check

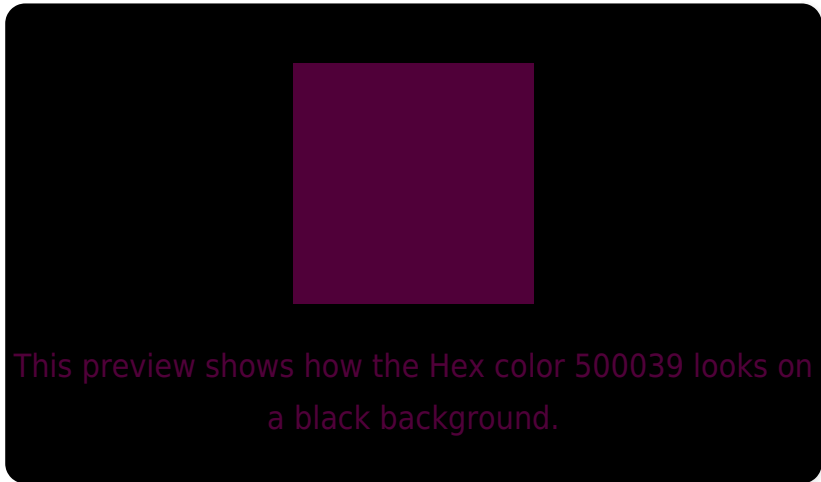
Large Text (above 18pt) WCAG AA ✓ Pass

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

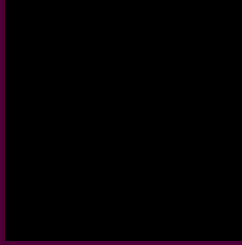
Any Text WCAG AA × Fail

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 500039 Background



This preview shows how black text looks on a background with the Hex color 500039.



This preview shows how white text looks on a background with the Hex color 500039.

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
500039

Protanopia
162A51

Deuteranopia
2A2A35



Tritanopia
4E1618

Trichromacy



Original Color
500039

Protanomaly
2B1B48

Deuteranomaly
381B36

Tritanomaly
4F0E24

Monochromacy



Original Color
500039

Achromatopsia
1E1E1E

Achromatomaly
301328

CSS Examples

Text

The CSS property to change the color of the text to Hex 500039 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 #500039 looks like.

```
.text, #text, p{  
    color:#500039  
}
```

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 #500039 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #500039
}
```

Border

The CSS property to change the border of an element to Hex 500039 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
#500039 }
```

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

```
.border{ border-color:#500039 }
```

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

Here you see how a box with a 4 pixel #500039 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #500039; -webkit-box-shadow:4px 4px  
4px 4px #500039; box-shadow:4px 4px 4px  
4px #500039 }
```

Background

The CSS property to change the background color of an element to Hex 500039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#500039 }
```

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

```
.background{ background-color:#500039 }
```

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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