

Converting Colors

Hex(540003)

Have a look what the booklet for
Hex(540003) contains.

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Color

Hex(540003)

Conversions

Conversions Part 1

Format	Color
Hex	540003
RGB	84, 0, 3
RGB Percent	33%, 0%, 1%
CMY	0.6706, 1.0000, 0.9882
CMYK	0.00, 1.00, 0.96, 0.67
HSL	358°, 100%, 16%
HSV	358°, 100%, 33%
XYZ	3.6726, 1.8914, 0.2577
YIQ	25.4580, 49.1010, 18.7410

Conversions

Conversions Part 2

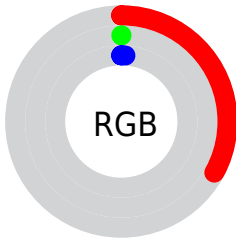
Format	Color
R_YB	84, 0, 3
Decimal	5505027
CIE Lab	14.91, 35.82, 22.02
CIE LCh	15, 42.044, 31.577
Yxy	1.8914, 0.6309, 0.3249
Android (android.graphics.Color)	4283695107 (0xFF540003)
YUV	25.4580, -11.0718, 51.3413
Hunter-Lab	13.7528, 23.5999, 8.5162

Details

The Hex color **540003** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **005451**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **8C3731**, and **1B0001** is the 20% darker color. If you saturate the color by 10%, you get **540003**, and if you desaturate by 10%, it is **54080B**.

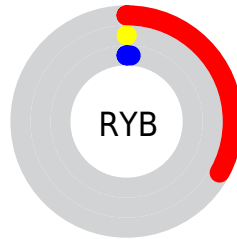
Distribution



Red (33%)

Green (0%)

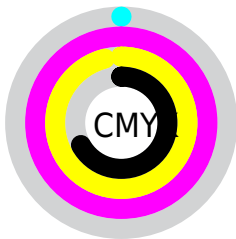
Blue (1%)



Red (33%)

Yellow (0%)

Blue (1%)

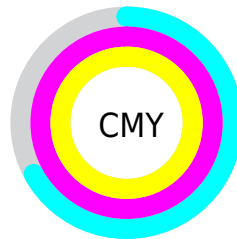


Cyan (0%)

Magenta (100%)

Yellow (96%)

Black (67%)



Cyan (67%)

Magenta (100%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 540003 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 540003 by changing the saturation by 10% instead.

 540003

 540003

 FFF2E4

 390000

 8C3731

 1B0001

 A84F48

 000000

 C5695F

 E38378

 FF9E92

 FFB9AC

 FFD5C8

 540003

■ 54080B

■ 541113

■ 54191B

■ 542223

■ 542A2C

■ 543234

■ 543B3C

■ 544344

■ 544C4C

Harmonies

Analogous

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



560025



540003



451800

Triad

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



540003



003002



002962

Complementary

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



540003



005451

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.



002F5A



540003



003126

Square

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



540003



0F2C00



003144



211C59

Rectangle

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



540003



372100



003144



002C61

Sweetspot

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



540003



6E4D4E



500054



382425



B8B8B8



383838

Same Dimension

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



540003



6E0004



542600



292525



690004



E80008

Inverse Universe

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



540003



6E0004



002E54



292525



690004



E80008

Previews

White Background



This preview shows how the Hex color 540003 looks on a white background.

Color Contrast Check

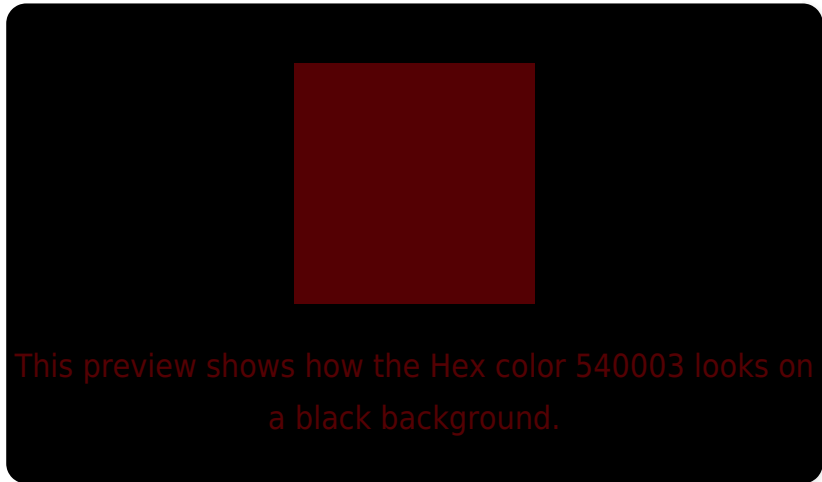
Large Text (above 18pt) WCAG AA ✓ Pass

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

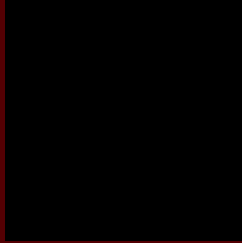
Any Text WCAG AA × Fail

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 540003 Background



This preview shows how black text looks on a background with the Hex color 540003.

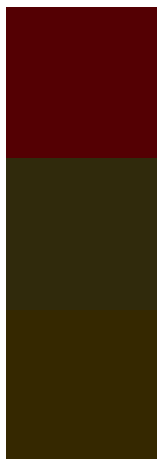


This preview shows how white text looks on a background with the Hex color 540003.

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
540003

Protanopia
302A0C

Deuteranopia
352800



Tritanopia
530800

Trichromacy



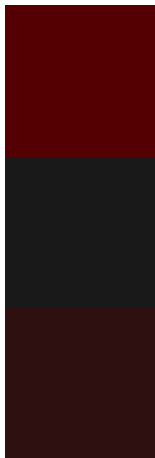
Original Color
540003

Protanomaly
3D1B09

Deuteranomaly
401901

Tritanomaly
530501

Monochromacy



Original Color
540003

Achromatopsia
191919

Achromatomaly
2E1011

CSS Examples

Text

The CSS property to change the color of the text to Hex 540003 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 #540003 looks like.

```
.text, #text, p{  
    color:#540003  
}
```

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 #540003 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #540003
}
```

Border

The CSS property to change the border of an element to Hex 540003 is called "border". The border property can be set on classes, ids or directly on the HTML element.

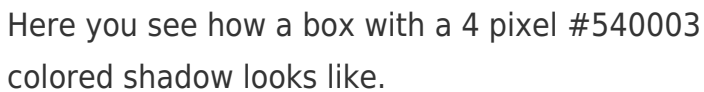
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#540003 }
```

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

```
.border{ border-color:#540003 }
```

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



Here you see how a box with a 4 pixel #540003 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #540003; -webkit-box-shadow:4px 4px  
4px 4px #540003; box-shadow:4px 4px 4px  
4px #540003 }
```

Background

The CSS property to change the background color of an element to Hex 540003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#540003 }
```

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

```
.background{ background-color:#540003 }
```

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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