

# Converting Colors

Hex(540002)

Have a look what the booklet for  
Hex(540002) contains.

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**Color**

**Hex(540002)**

# Conversions

## Conversions Part 1

Format	Color
Hex	540002
RGB	84, 0, 2
RGB Percent	33%, 0%, 1%
CMY	0.6706, 1.0000, 0.9922
CMYK	0.00, 1.00, 0.98, 0.67
HSL	359°, 100%, 16%
HSV	359°, 100%, 33%
XYZ	3.6671, 1.8892, 0.2288
YIQ	25.3440, 49.4220, 18.4300

# Conversions

## Conversions Part 2

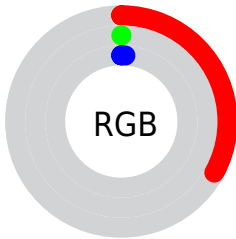
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	84, 0, 2
Decimal	5505026
CIE <sub>Lab</sub>	14.89, 35.79, 22.41
CIE <sub>LCh</sub>	15, 42.223, 32.053
Yxy	1.8892, 0.6339, 0.3266
Android (android.graphics.Color)	4283695106 (0xFF540002)
YUV	25.3440, -11.5086, 51.4413
Hunter-Lab	13.7448, 23.5703, 8.6344

# Details

The Hex color **540002** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **005452**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **8C3730**, and **1B0001** is the 20% darker color. If you saturate the color by 10%, you get **540002**, and if you desaturate by 10%, it is **54080A**.

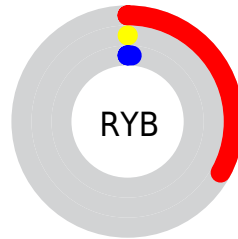
# Distribution



Red (33%)

Green (0%)

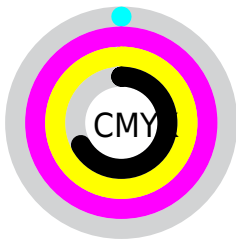
Blue (1%)



Red (33%)

Yellow (0%)

Blue (1%)

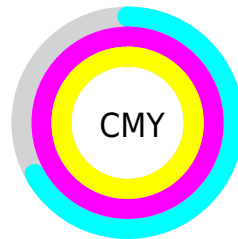


Cyan (0%)

Magenta (100%)

Yellow (98%)

Black (67%)



Cyan (67%)

Magenta (100%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 540002 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 540002 by changing the saturation by 10% instead.



 540002

 540002

 FFF2E3

 390000

 8C3730

 1B0001

 A84F47

 000000

 C6695F

 E38377

 FF9E91

 FFB9AC

 FFD5C7

 540002

■ 54080A

■ 541112

■ 54191B

■ 542223

■ 542A2B

■ 543233

■ 543B3B

■ 544344

■ 544C4C

# Harmonies

## Analogous

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



570025



540002



451800

# Triad

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



540002



003003



002962

# Complementary

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



540002



005452

# 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.



002F5B



540002



003127

# Square

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



540002



0E2C00



003145



221C59

# Rectangle

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



540002



362200



003145



002C61



# Sweetspot

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



540002



6E4D4E



510054



382424



B8B8B8



383838



# Same Dimension

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



540002



6E0003



542700



292525



690002



E80006



# Inverse Universe

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



540002



6E0003



002D54



292525



690002



E80006



# Previews

## White Background



This preview shows how the Hex color 540002 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

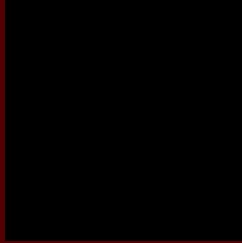
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 540002 Background



This preview shows how black text looks on a background with the Hex color 540002.

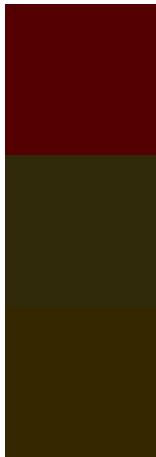


This preview shows how white text looks on a background with the Hex color 540002.

# 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**  
540002

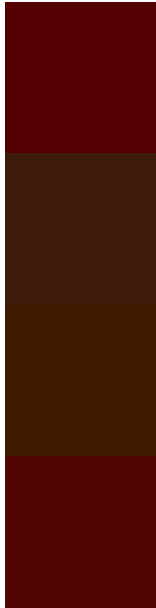
**Protanopia**  
302A0B

**Deuteranopia**  
352800



**Tritanopia**  
530800

# Trichromacy



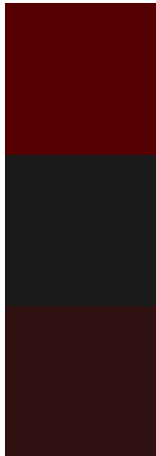
**Original Color**  
540002

**Protanomaly**  
3D1B08

**Deuteranomaly**  
401901

**Tritanomaly**  
530501

# Monochromacy



**Original Color**  
540002

**Achromatopsia**  
191919

**Achromatomaly**  
2E1011

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 540002 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 #540002 looks like.

```
.text, #text, p{  
    color:#540002  
}
```

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 #540002 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #540002
}
```

## Border

The CSS property to change the border of an element to Hex 540002 is called "border". The border property can be set on classes, ids or directly on the HTML element.

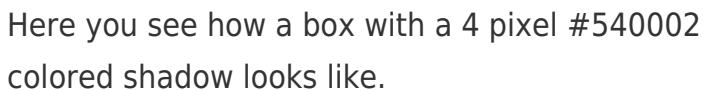
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#540002 }
```

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

```
.border{ border-color:#540002 }
```

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



Here you see how a box with a 4 pixel #540002 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #540002; -webkit-box-shadow:4px 4px  
4px 4px #540002; box-shadow:4px 4px 4px  
4px #540002 }
```

# Background

The CSS property to change the background color of an element to Hex 540002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#540002 }
```

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

```
.background{ background-color:#540002 }
```

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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