

# Converting Colors

Hex(540052)

Have a look what the booklet for  
Hex(540052) contains.

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# Color

**Hex(540052)**

# Conversions

## Conversions Part 1

Format	Color
Hex	540052
RGB	84, 0, 82
RGB Percent	33%, 0%, 32%
CMY	0.6706, 1.0000, 0.6784
CMYK	0.00, 1.00, 0.02, 0.67
HSL	301°, 100%, 16%
HSV	301°, 100%, 33%
XYZ	5.1791, 2.4940, 8.1911
YIQ	34.4640, 23.7420, 43.3100

# Conversions

## Conversions Part 2

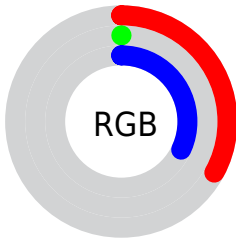
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	84, 0, 82
Decimal	5505106
CIE Lab	17.89, 43.47, -26.00
CIE LCh	18, 50.653, 329.123
Yxy	2.4940, 0.3265, 0.1572
Android (android.graphics.Color)	4283695186 (0xFF540052)
YUV	34.4640, 23.4352, 43.4431
Hunter-Lab	15.7924, 30.9024, -19.6972

# Details

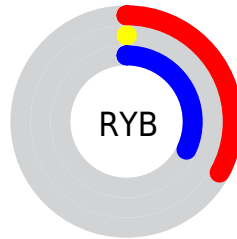
The Hex color **540052** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **005402**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **893B84**, and **250025** is the 20% darker color. If you saturate the color by 10%, you get **540052**, and if you desaturate by 10%, it is **540852**.

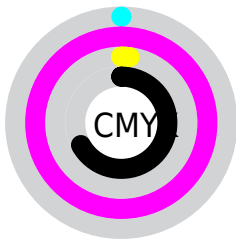
# Distribution



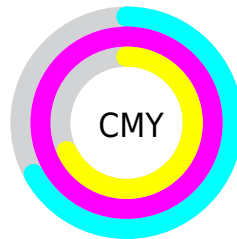
- Red (33%)
- Green (0%)
- Blue (32%)



- Red (33%)
- Yellow (0%)
- Blue (32%)



- Cyan (0%)
- Magenta (100%)
- Yellow (2%)
- Black (67%)



- Cyan (67%)
- Magenta (100%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 540052 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 540052 by changing the saturation by 10% instead.



 540052

 540052

 FFF9FF

 3B003B

 893B84

 250025

 A4549E

 00000C

 C06EB9

 000000

 DC88D5

 FAA4F2

 FFBFFF

 FFD0FF

 540052

■ 540852

■ 541152

■ 541953

■ 542253

■ 542A53

■ 543253

■ 543B53

■ 544354

■ 544C54

# Harmonies

## Analogous

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



1B226D



540052



67002F

# Triad

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



540052



382A00



003A4F

# Complementary

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



540052



005402

# 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.



00392A



540052



113300

# Square

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



540052



531800



003800



00386B

# Rectangle

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



540052



670017



003800



003A43



# Sweetspot

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



540052



6E4D6D



010054



382438



B8B8B8



383838



# Same Dimension

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



540052



6E006B



540029



292529



690066



E800E3



# Inverse Universe

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



540052



6E006B



00542B



292529



690066



E800E3



# Previews

## White Background



This preview shows how the Hex color 540052 looks on a white background.

## Color Contrast Check

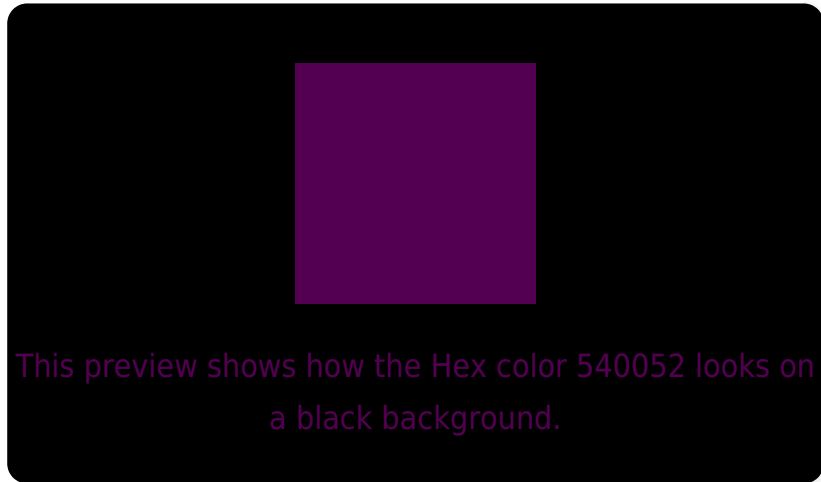
Large Text (above 18pt) WCAG AA ✓ Pass

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

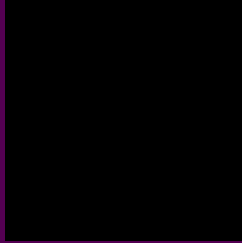
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 540052 Background



This preview shows how black text looks on a background with the Hex color 540052.

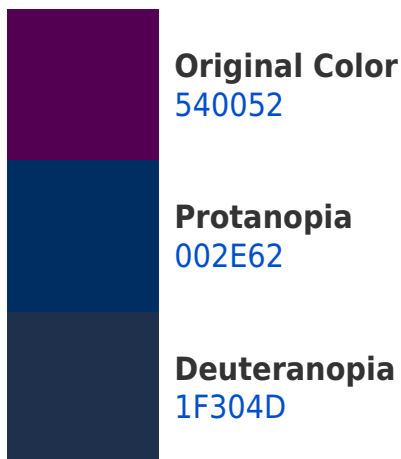


This preview shows how white text looks on a background with the Hex color 540052.

# 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





# Trichromacy



**Original Color**  
540052

**Protanomaly**  
1F1D5C

**Deuteranomaly**  
321F4F

**Tritanomaly**  
511433

# Monochromacy



**Original Color**  
540052

**Achromatopsia**  
222222

**Achromatomaly**  
341633

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 540052 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 #540052 looks like.

```
.text, #text, p{  
    color:#540052  
}
```

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 #540052 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #540052
}
```

## Border

The CSS property to change the border of an element to Hex 540052 is called "border". The border property can be set on classes, ids or directly on the HTML element.

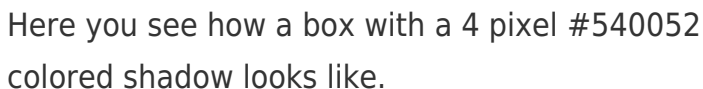
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#540052 }
```

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

```
.border{ border-color:#540052 }
```

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



Here you see how a box with a 4 pixel #540052 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #540052; -webkit-box-shadow:4px 4px  
4px 4px #540052; box-shadow:4px 4px 4px  
4px #540052 }
```

# Background

The CSS property to change the background color of an element to Hex 540052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#540052 }
```

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

```
.background{ background-color:#540052 }
```

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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