

# Converting Colors

Hex(542357)

Have a look what the booklet for  
Hex(542357) contains.

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**Color**

**Hex(542357)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	542357
RGB	84, 35, 87
RGB Percent	33%, 14%, 34%
CMY	0.6706, 0.8627, 0.6588
CMYK	0.03, 0.60, 0.00, 0.66
HSL	297°, 43%, 24%
HSV	297°, 60%, 34%
XYZ	5.9775, 3.7750, 9.4304
YIQ	55.5790, 12.5120, 26.5600

# Conversions

## Conversions Part 2

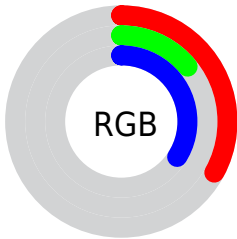
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	84, 35, 87
Decimal	5514071
CIE <sub>Lab</sub>	22.91, 31.11, -21.40
CIE <sub>LCh</sub>	23, 37.756, 325.478
Yxy	3.7750, 0.3116, 0.1968
Android (android.graphics.Color)	4283704151 (0xFF542357)
YUV	55.5790, 15.4906, 24.9252
Hunter-Lab	19.4294, 20.9146, -15.1770




# Details

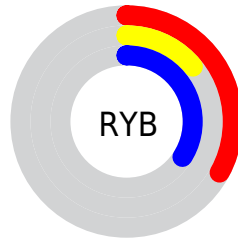
The Hex color **542357** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **265723**, and the grayscale version is **373737**.




A 20% lighter version of the original color is **875389**, and **260029** is the 20% darker color. If you saturate the color by 10%, you get **531A57**, and if you desaturate by 10%, it is **552C57**.

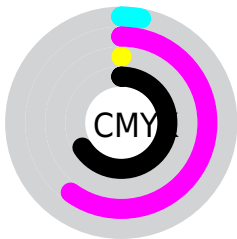
# Distribution







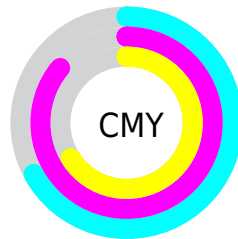
-  Red (33%)
-  Green (14%)
-  Blue (34%)






-  Red (33%)
-  Yellow (14%)
-  Blue (34%)



-  Cyan (3%)
-  Magenta (60%)
-  Yellow (0%)
-  Black (66%)



-  Cyan (67%)
-  Magenta (86%)
-  Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 542357 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 542357 by changing the saturation by 10% instead.



 542357

 542357

FFFFFF

 3C0B3F

 875389

 260029

 A26CA4

 000014

 BE85BF

 000000

 DAA0DB

 F7BBF7

 FFD7FF

 FFF4FF

 542357

 542357

■ 531A57

■ 552C57

■ 531257

■ 553457

■ 520957

■ 563D57

■ 520057

■ 564657

■ 574F57

■ 575757

■ 586057

■ 586957

■ 597157

# Harmonies

## Analogous

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



2C316A



542357



66183C

# Triad

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



542357



473400



00434E

# Complementary

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



542357



265723

# 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.



004331



542357



2D3C00

# Square

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



542357



5B2805



004114



004165

# Rectangle

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



542357



681829



004114



004345



# Sweetspot

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



542357



6F5C70



232657



372C38



B8B8B8



383838



# Same Dimension

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



542357



6C1F70



572340



2B272B



65006B



DD00EB



# Inverse Universe

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



572326



701F24



23573A



2B2727



6B0006



EB000E



# Previews

## White Background



This preview shows how the Hex color 542357 looks on a white background.

## Color Contrast Check

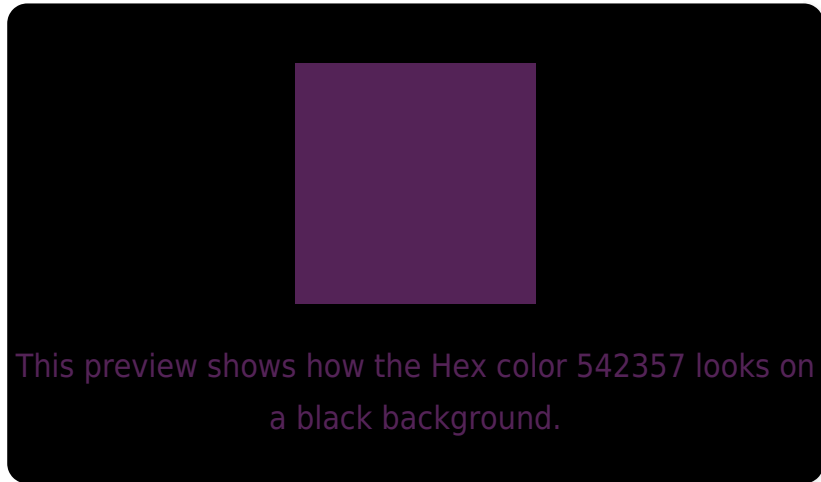
Large Text (above 18pt) WCAG AA ✓ Pass

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

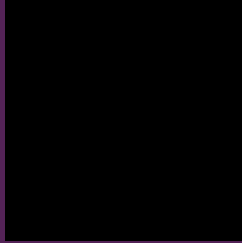
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 542357 Background



This preview shows how black text looks on a background with the Hex color 542357.



This preview shows how white text looks on a background with the Hex color 542357.

# 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





**Tritanopia**  
4F2E31

# Trichromacy



**Original Color**  
542357

**Protanomaly**  
302F62

**Deuteranomaly**  
3A3055

**Tritanomaly**  
512A3F

# Monochromacy



**Original Color**  
542357

**Achromatopsia**  
383838

**Achromatomaly**  
423043

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 542357 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 #542357 looks like.

```
.text, #text, p{  
    color:#542357  
}
```

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 #542357 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #542357
}
```

## Border

The CSS property to change the border of an element to Hex 542357 is called "border". The border property can be set on classes, ids or directly on the HTML element.

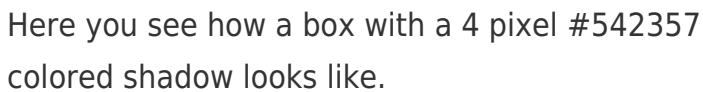
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#542357 }
```

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

```
.border{ border-color:#542357 }
```

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



Here you see how a box with a 4 pixel #542357 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #542357; -webkit-box-shadow:4px 4px  
4px 4px #542357; box-shadow:4px 4px 4px  
4px #542357 }
```

# Background

The CSS property to change the background color of an element to Hex 542357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#542357 }
```

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

```
.background{ background-color:#542357 }
```

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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