

# Converting Colors

Hex(542335)

Have a look what the booklet for  
Hex(542335) contains.

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# Color

Hex(542335)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	542335
RGB	84, 35, 53
RGB Percent	33%, 14%, 21%
CMY	0.6706, 0.8627, 0.7922
CMYK	0.00, 0.58, 0.37, 0.67
HSL	338°, 41%, 23%
HSV	338°, 58%, 33%
XYZ	4.8998, 3.3439, 3.7554
YIQ	51.7030, 23.4260, 15.9860

# Conversions

## Conversions Part 2

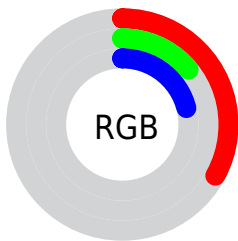
Format	Color
<b>R<sub>Y</sub>B</b>	84, 35, 53
Decimal	5514037
CIE Lab	21.37, 25.00, -0.67
CIE LCh	21, 25.011, 358.470
Yxy	3.3439, 0.4083, 0.2787
Android (android.graphics.Color)	4283704117 (0xFF542335)
YUV	51.7030, 0.6394, 28.3245
Hunter-Lab	18.2864, 15.8274, 0.6245

# Details

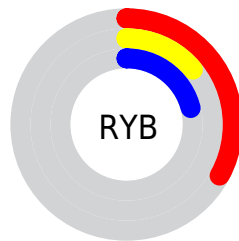
The Hex color **542335** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **235442**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **885263**, and **280008** is the 20% darker color. If you saturate the color by 10%, you get **541B30**, and if you desaturate by 10%, it is **542B3A**.

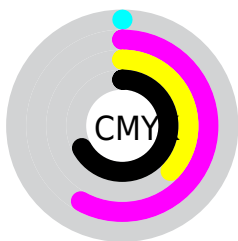
# Distribution



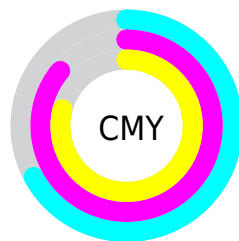
- Red (33%)
- Green (14%)
- Blue (21%)



- Red (33%)
- Yellow (14%)
- Blue (21%)



- Cyan (0%)
- Magenta (58%)
- Yellow (37%)
- Black (67%)



- Cyan (67%)
- Magenta (86%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 542335 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 542335 by changing the saturation by 10% instead.



 542335

 542335

FFFFFF

 3B0C20

 885263

 280008

 A26A7C

 000000

 BE8496

 DA9EB1

 F7BACC

 FFD5E8

 FFF2FF

 542335

 542335

■ 541B30

■ 542B3A

■ 54122A

■ 543440

■ 540A25

■ 543C45

■ 540120

■ 54454A

■ 54001F

■ 544D50

■ 545555

■ 545E5A

■ 546660

■ 546F65

# Harmonies

## Analogous

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



492747



542335



552523

# Triad

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



542335



2C3711



003A52

# Complementary

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



542335



235442

# 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.



003C44



542335



133B1F

# Square

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



542335



3E320C



003C32



063658

# Rectangle

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



542335



502918



003C32



003B4F



# Sweetspot

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



542335



6E5A61



412354



382C30



B8B8B8



383838



# Same Dimension

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



542335



6E213D



542923



292526



690026



E80055



# Inverse Universe

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



542335



6E213D



234E54



292526



690026

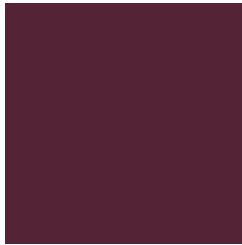


E80055



# Previews

## White Background



This preview shows how the Hex color 542335 looks on a white background.

## Color Contrast Check

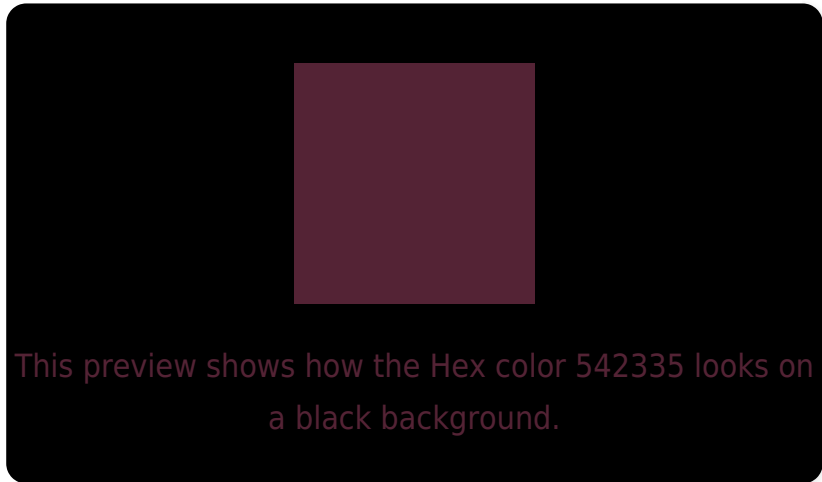
Large Text (above 18pt) WCAG AA ✓ Pass

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

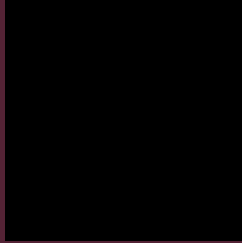
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 542335 Background



This preview shows how black text looks on a background with the Hex color 542335.



This preview shows how white text looks on a background with the Hex color 542335.

# 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**  
542335

**Protanopia**  
32343F

**Deuteranopia**  
3A3233



**Tritanopia**  
532628

# Trichromacy



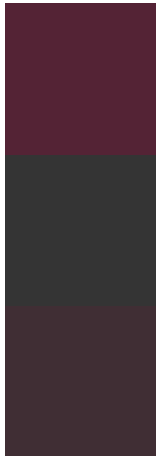
**Original Color**  
542335

**Protanomaly**  
3E2E3B

**Deuteranomaly**  
432D34

**Tritanomaly**  
53252D

# Monochromacy



**Original Color**  
542335

**Achromatopsia**  
343434

**Achromatomaly**  
402E34

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 542335 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 #542335 looks like.

```
.text, #text, p{  
    color:#542335  
}
```

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 #542335 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #542335
}
```

## Border

The CSS property to change the border of an element to Hex 542335 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".

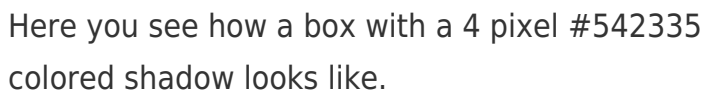
```
.border, #border, table{ border:4px solid
#542335 }
```

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

```
.border{ border-color:#542335 }
```

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

Here you see how a box with a 4 pixel #542335 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #542335 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #542335; -webkit-box-shadow:4px 4px  
4px 4px #542335; box-shadow:4px 4px 4px  
4px #542335 }
```

# Background

The CSS property to change the background color of an element to Hex 542335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#542335 }
```

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

```
.background{ background-color:#542335 }
```

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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