

# Converting Colors

Hex(A53637)

Have a look what the booklet for  
Hex(A53637) contains.

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# Color

**Hex(A53637)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | A53637                    |
| RGB           | 165, 54, 55               |
| RGB Percent   | 65%, 21%, 22%             |
| CMY           | 0.3529, 0.7882, 0.7843    |
| CMYK          | 0.00, 0.67, 0.67, 0.35    |
| HSL           | 359°, 51%, 43%            |
| HSV           | 359°, 67%, 65%            |
| XYZ           | 17.5258, 10.9135, 4.7972  |
| YIQ           | 87.3030, 65.8350, 23.8430 |

# Conversions

## Conversions Part 2

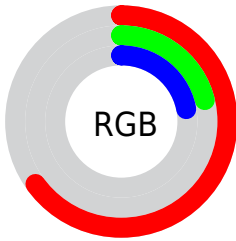
| Format                              | Color                         |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 165, 54, 55                   |
| Decimal                             | 10827319                      |
| CIE Lab                             | 39.43, 45.65, 24.94           |
| CIE LCh                             | 39, 52.015, 28.649            |
| Yxy                                 | 10.9135, 0.5273,<br>0.3284    |
| Android<br>(android.graphics.Color) | 4289017399<br>(0xFFA53637)    |
| YUV                                 | 87.3030, -15.9254,<br>68.1403 |
| Hunter-Lab                          | 33.0356, 36.8843,<br>14.5152  |

# Details

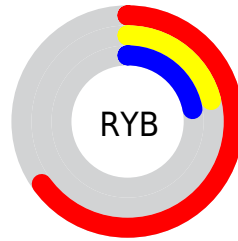
The Hex color **A53637** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **36A5A4**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **E16B66**, and **6B000C** is the 20% darker color. If you saturate the color by 10%, you get **A52627**, and if you desaturate by 10%, it is **A54747**.

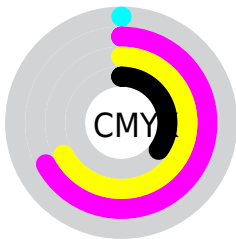
# Distribution



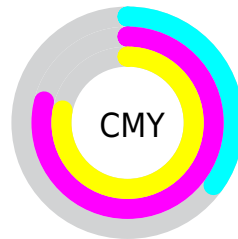
- Red (65%)
- Green (21%)
- Blue (22%)



- Red (65%)
- Yellow (21%)
- Blue (22%)



- Cyan (0%)
- Magenta (67%)
- Yellow (67%)
- Black (35%)



- Cyan (35%)
- Magenta (79%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A53637 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 A53637 by changing the saturation by 10% instead.



 A53637

 A53637

FFFFFF

 881922

 E16B66

 6B000C

 FF867F

 4E0000

 FFA199

 340002

 FFBD84

 000000

 FFD9CF

 FFF7EC

 A53637

 A53637

 A52627

 A54747

 A51516

 A55758

 A50506

 A56868

 A50001

 A57878

 A58989

 A59999

 A5AAA9

 A5BABA

 A5CBCA

# Harmonies

## Analogous

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



A52F61



A53637



92490F

# Triad

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



A53637



006D2E



0063B2

# Complementary

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



A53637



36A5A4

# 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.



006CA5



A53637



00705A

# Square

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



A53637



486600



007084



5652A8

# Rectangle

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



A53637



7E5500



007084



0067B0



# Sweetspot

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



A53637



D6ABAC



A336A5



6B5152



EBEBEB



6B6B6B



# Same Dimension

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



A53637



D6292A



A56C36



52494A



910001



120000



# Inverse Universe

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



A53637



D6292A



366FA5



52494A



910001



120000



# Previews

## White Background



This preview shows how the Hex color A53637 looks on a white background.

## Color Contrast Check

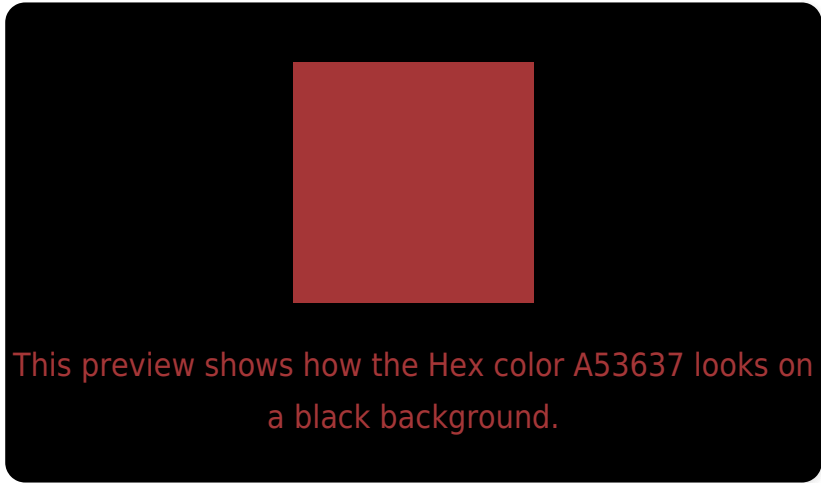
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 A53637 Background



This preview shows how black text looks on a background with the Hex color A53637.

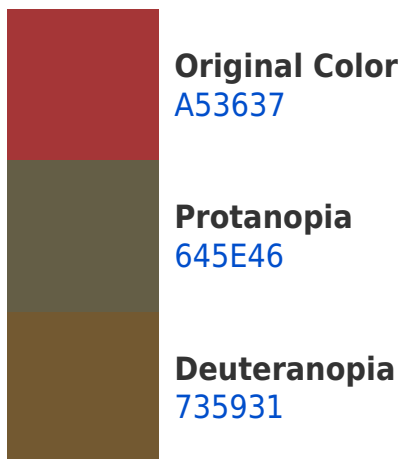


This preview shows how white text looks on a background with the Hex color A53637.

# 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**  
A53639

# Trichromacy



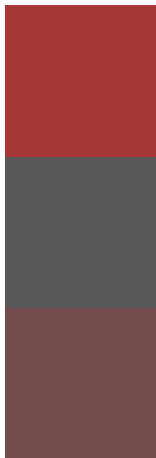
**Original Color**  
A53637

**Protanomaly**  
7C4F41

**Deuteranomaly**  
854C33

**Tritanomaly**  
A53638

# Monochromacy



**Original Color**  
A53637

**Achromatopsia**  
575757

**Achromatomaly**  
734B4B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A53637 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 #A53637 looks like.

```
.text, #text, p{  
  color:#A53637  
}
```

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 #A53637 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A53637  
}
```

## Border

The CSS property to change the border of an element to Hex A53637 is called "border". The border property can be set on classes, ids or directly on the HTML element.

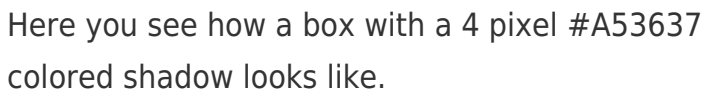
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#A53637 }
```

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

```
.border{ border-color:#A53637 }
```

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



Here you see how a box with a 4 pixel #A53637 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A53637; -webkit-box-shadow:4px 4px  
4px 4px #A53637; box-shadow:4px 4px 4px  
4px #A53637 }
```

# Background

The CSS property to change the background color of an element to Hex A53637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A53637 }
```

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

```
.background{ background-color:#A53637 }
```

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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