

# Converting Colors

Hex(A63C49)

Have a look what the booklet for  
Hex(A63C49) contains.

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# Color

**Hex(A63C49)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A63C49
RGB	166, 60, 73
RGB Percent	65%, 24%, 29%
CMY	0.3490, 0.7647, 0.7137
CMYK	0.00, 0.64, 0.56, 0.35
HSL	353°, 47%, 44%
HSV	353°, 64%, 65%
XYZ	18.5443, 11.8197, 7.6074
YIQ	93.1760, 59.0030, 26.5150

# Conversions

## Conversions Part 2

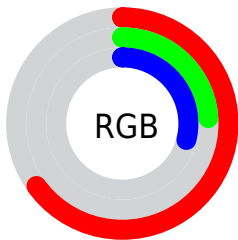
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	166, 60, 73
Decimal	10894409
CIE <sub>Lab</sub>	40.93, 44.62, 15.78
CIE <sub>LCh</sub>	41, 47.325, 19.476
Yxy	11.8197, 0.4884, 0.3113
Android (android.graphics.Color)	4289084489 (0xFFA63C49)
YUV	93.1760, -9.9468, 63.8666
Hunter-Lab	34.3799, 36.1173, 10.9466

# Details

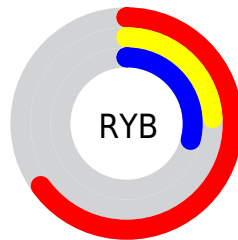
The Hex color **A63C49** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **3CA699**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **E17179**, and **6D001E** is the 20% darker color. If you saturate the color by 10%, you get **A62B3A**, and if you desaturate by 10%, it is **A64D58**.

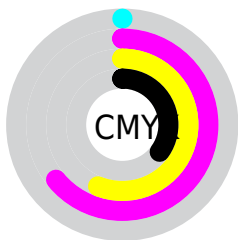
# Distribution



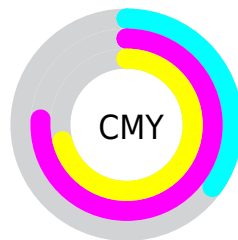
- Red (65%)
- Green (24%)
- Blue (29%)



- Red (65%)
- Yellow (24%)
- Blue (29%)



- Cyan (0%)
- Magenta (64%)
- Yellow (56%)
- Black (35%)



- Cyan (35%)
- Magenta (76%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A63C49 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 A63C49 by changing the saturation by 10% instead.



 A63C49

 A63C49

FFFFFF

 892133

 E17179

 6D001E

 FF8B93

 510005

 FFA7AE

 370002

 FFC3C9

 0E0000

 FFDFE5

 000000

 FFFDFD

 A63C49

 A63C49

 A62B3A

 A64D58

 A61B2C

 A65D66

 A60A1D

 A66E75

 A60014

 A67E83

 A68F92

 A6A0A0

 A6B0AF

 A6C1BE

 A6D1CC

# Harmonies

## Analogous

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



9F3C70



A63C49



994A26

# Triad

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



A63C49



2B6E2B



0069AD

# Complementary

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



A63C49



3CA699

# 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.



00709B



A63C49



007251

# Square

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



A63C49



5C660A



007379



455CAA

# Rectangle

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



A63C49



895512



007379



006CA9



# Sweetspot

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



A63C49



D9B0B5



983CA6



6E5458



EDEDED



6E6E6E



# Same Dimension

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



A63C49



D93246



A6633C



544C4D



940012



140003



# Inverse Universe

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



A63C49



D93246



3C7FA6



544C4D



940012



140003



# Previews

## White Background



This preview shows how the Hex color A63C49 looks on a white background.

## Color Contrast Check

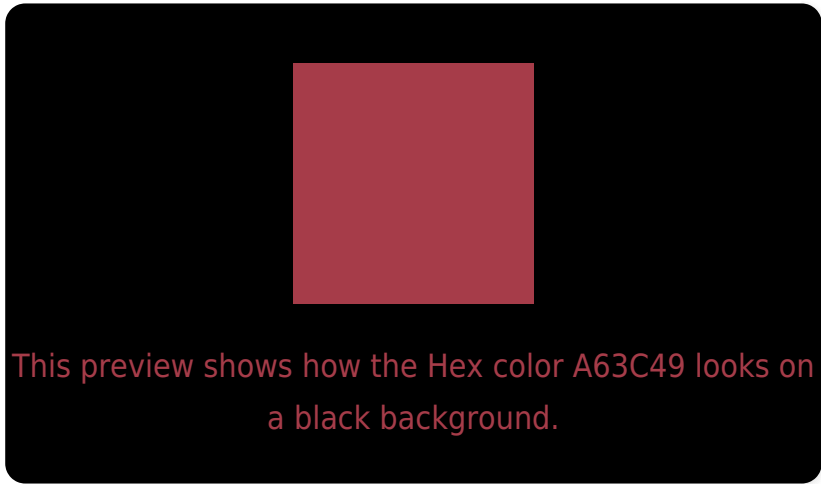
Large Text (above 18pt) WCAG AA ✓ Pass

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

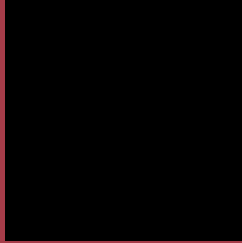
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A63C49 Background



This preview shows how black text looks on a background with the Hex color A63C49.

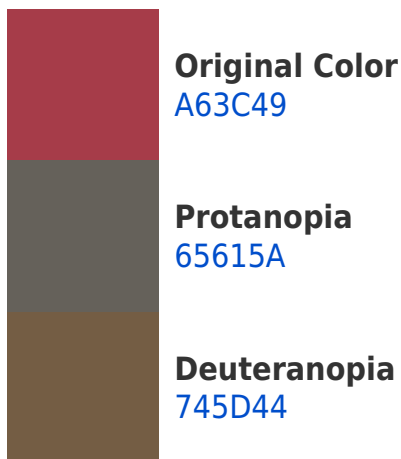


This preview shows how white text looks on a background with the Hex color A63C49.

# 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**  
A63D41

# Trichromacy



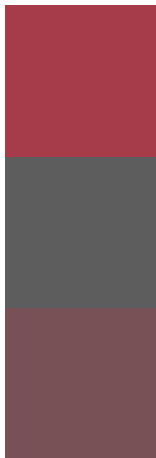
**Original Color**  
A63C49

**Protanomaly**  
7D5454

**Deuteranomaly**  
865146

**Tritanomaly**  
A63D44

# Monochromacy



**Original Color**  
A63C49

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
785156

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A63C49 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 #A63C49 looks like.

```
.text, #text, p{  
    color:#A63C49  
}
```

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 #A63C49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A63C49
}
```

## Border

The CSS property to change the border of an element to Hex A63C49 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
#A63C49 }
```

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

```
.border{ border-color:#A63C49 }
```

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

Here you see how a box with a 4 pixel #A63C49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A63C49; -webkit-box-shadow:4px 4px  
4px 4px #A63C49; box-shadow:4px 4px 4px  
4px #A63C49 }
```

# Background

The CSS property to change the background color of an element to Hex A63C49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A63C49 }
```

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

```
.background{ background-color:#A63C49 }
```

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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