

# Converting Colors

Hex(A63B37)

Have a look what the booklet for  
Hex(A63B37) contains.

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**Color**

**Hex(A63B37)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A63B37
RGB	166, 59, 55
RGB Percent	65%, 23%, 22%
CMY	0.3490, 0.7686, 0.7843
CMYK	0.00, 0.64, 0.67, 0.35
HSL	2°, 50%, 43%
HSV	2°, 67%, 65%
XYZ	17.9794, 11.5108, 4.8886
YIQ	90.5370, 65.0560, 21.4400

# Conversions

## Conversions Part 2

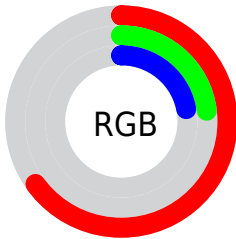
Format	Color
<b>R<sub>YB</sub></b>	166, 59, 55
Decimal	10894135
CIE <sub>Lab</sub>	40.43, 43.80, 26.21
CIE <sub>LCh</sub>	40, 51.040, 30.892
Yxy	11.5108, 0.5230, 0.3348
Android (android.graphics.Color)	4289084215 (0xFFA63B37)
YUV	90.5370, -17.5197, 66.1811
Hunter-Lab	33.9275, 35.2206, 15.2062

# Details

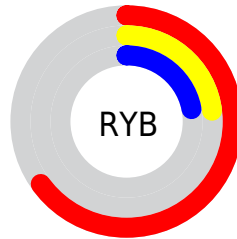
The Hex color **A63B37** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **37A2A6**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **E26F66**, and **6C000C** is the 20% darker color. If you saturate the color by 10%, you get **A62B26**, and if you desaturate by 10%, it is **A64B48**.

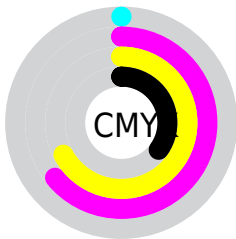
# Distribution



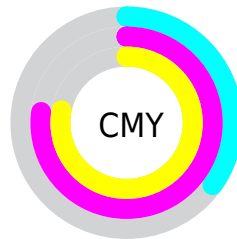
- Red (65%)
- Green (23%)
- Blue (22%)



- Red (65%)
- Yellow (23%)
- Blue (22%)



- Cyan (0%)
- Magenta (64%)
- Yellow (67%)
- Black (35%)



- Cyan (35%)
- Magenta (77%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A63B37 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 A63B37 by changing the saturation by 10% instead.



 A63B37

 A63B37

FFFFFF

 892021

 E26F66

 6C000C

 FF8A7F

 4F0000

 FFA599

 360002

 FFC1B4

 070000

 FFDED0

 000000

 FFFBEC

 A63B37

 A63B37

 A62B26

 A64B48

 A61B16

 A65B58

 A60B05

 A66B69

 A60600

 A67B79

 A68B8A

 A69B9B

 A6ABAB

 A6BBBC

 A6CBCC

# Harmonies

## Analogous

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



A83360



A63B37



924D11

# Triad

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



A63B37



006F34



0064B3

# Complementary

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



A63B37



37A2A6

# 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.



006EA8



A63B37



00725F

# Square

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



A63B37



486909



007289



5F54A7

# Rectangle

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



A63B37



7E5900



007289



0068B2



# Sweetspot

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



A63B37



D9AFAD



A637A2



6E5453



EDEDED



6E6E6E



# Same Dimension

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



A63B37



D9322B



A67237



544C4C



940500



140100



# Inverse Universe

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



37A2A6



2BD3D9



376BA6



4C5454



008F94

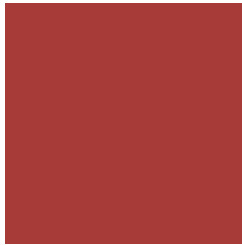


001414



# Previews

## White Background



This preview shows how the Hex color A63B37 looks on a white background.

## Color Contrast Check

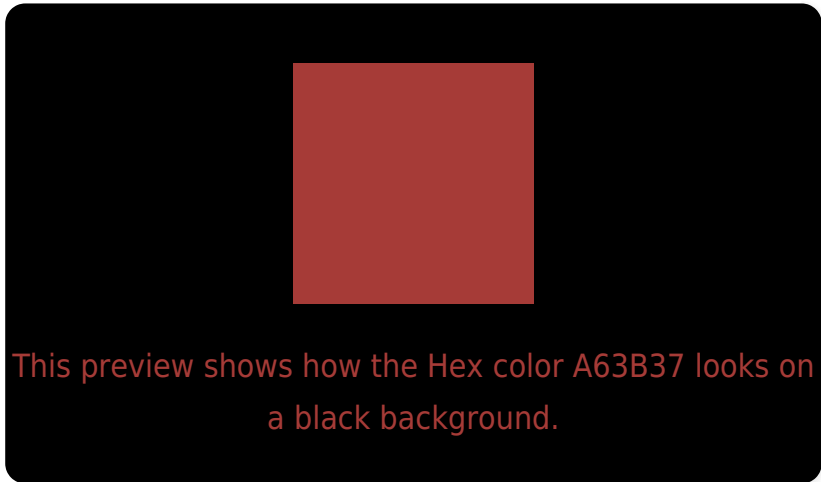
Large Text (above 18pt) WCAG AA ✓ Pass

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 A63B37 Background



This preview shows how black text looks on a background with the Hex color A63B37.

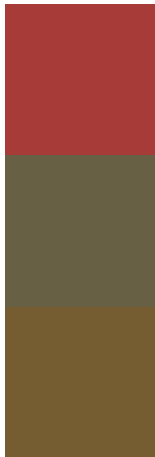


This preview shows how white text looks on a background with the Hex color A63B37.

# 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**  
A63B37

**Protanopia**  
676045

**Deuteranopia**  
765C31



# Trichromacy



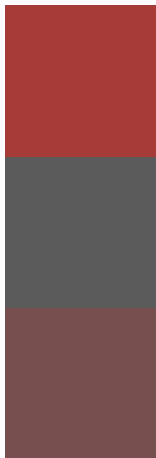
**Original Color**  
A63B37

**Protanomaly**  
7E5340

**Deuteranomaly**  
875033

**Tritanomaly**  
A63A3B

# Monochromacy



**Original Color**  
A63B37

**Achromatopsia**  
5B5B5B

**Achromatomaly**  
764F4E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A63B37 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 #A63B37 looks like.

```
.text, #text, p{  
    color:#A63B37  
}
```

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 #A63B37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A63B37  
}
```

## Border

The CSS property to change the border of an element to Hex A63B37 is called "border". The border property can be set on classes, ids or directly on the HTML element.

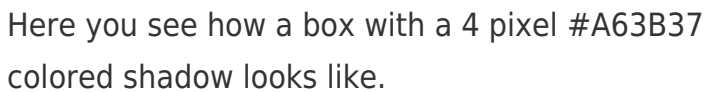
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#A63B37 }
```

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

```
.border{ border-color:#A63B37 }
```

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



Here you see how a box with a 4 pixel `#A63B37` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A63B37; -webkit-box-shadow:4px 4px  
4px 4px #A63B37; box-shadow:4px 4px 4px  
4px #A63B37 }
```

# Background

The CSS property to change the background color of an element to Hex A63B37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A63B37 }
```

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

```
.background{ background-color:#A63B37 }
```

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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