

# Converting Colors

Hex(A33C3B)

Have a look what the booklet for  
Hex(A33C3B) contains.

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# Color

**Hex(A33C3B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A33C3B
RGB	163, 60, 59
RGB Percent	64%, 24%, 23%
CMY	0.3608, 0.7647, 0.7686
CMYK	0.00, 0.63, 0.64, 0.36
HSL	1°, 47%, 44%
HSV	1°, 64%, 64%
XYZ	17.5095, 11.3340, 5.4025
YIQ	90.6830, 61.7090, 21.5250

# Conversions

## Conversions Part 2

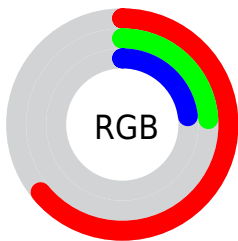
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	163, 60, 59
Decimal	10697787
CIE <sub>Lab</sub>	40.14, 42.53, 23.30
CIE <sub>LCh</sub>	40, 48.491, 28.713
Yxy	11.3340, 0.5113, 0.3310
Android (android.graphics.Color)	4288887867 (0xFFA33C3B)
YUV	90.6830, -15.6197, 63.4220
Hunter-Lab	33.6660, 33.9214, 14.0518

# Details

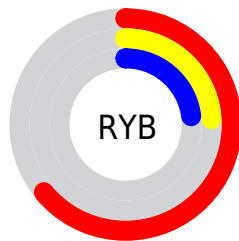
The Hex color **A33C3B** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **3BA2A3**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **DF706A**, and **690011** is the 20% darker color. If you saturate the color by 10%, you get **A32C2B**, and if you desaturate by 10%, it is **A34C4B**.

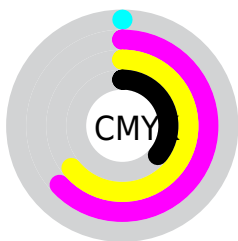
# Distribution



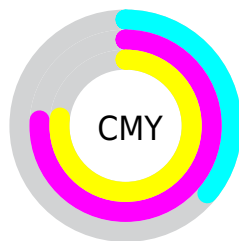
- Red (64%)
- Green (24%)
- Blue (23%)



- Red (64%)
- Yellow (24%)
- Blue (23%)



- Cyan (0%)
- Magenta (63%)
- Yellow (64%)
- Black (36%)



- Cyan (36%)
- Magenta (76%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A33C3B 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 A33C3B by changing the saturation by 10% instead.



 A33C3B

 A33C3B

FFFFFF

 862125

 DF706A

 690011

 FD8B84

 4D0000

 FFA69E

 340002

 FFC2B9

 000000

 FFDED4

 FFFBF1

 A33C3B

 A33C3B

 A32C2B

 A34C4B

 A31C1A

 A35C5C

 A30C0A

 A36C6C

 A30200

 A37D7C

 A38D8C

 A39D9D

 A3ADAD

 A3BDBD

 A3CDCE

# Harmonies

## Analogous

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



A33662



A33C3B



914C18

# Triad

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



A33C3B



006E33



0064AE

# Complementary

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



A33C3B



3BA2A3

# 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.



006DA2



A33C3B



00715C

# Square

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



A33C3B



4C670E



007184



5A55A5

# Rectangle

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



A33C3B



7E5703



007184



0067AC



# Sweetspot

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



A33C3B



D4ACAB



A33BA3



6B5352



EBEBEB



6B6B6B



# Same Dimension

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



A33C3B



D43231



A36F3B



524A49



910100



120000



# Inverse Universe

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



3BA2A3



31D2D4



3B6FA3



495252



009091



001212



# Previews

## White Background



This preview shows how the Hex color A33C3B looks on a white background.

## Color Contrast Check

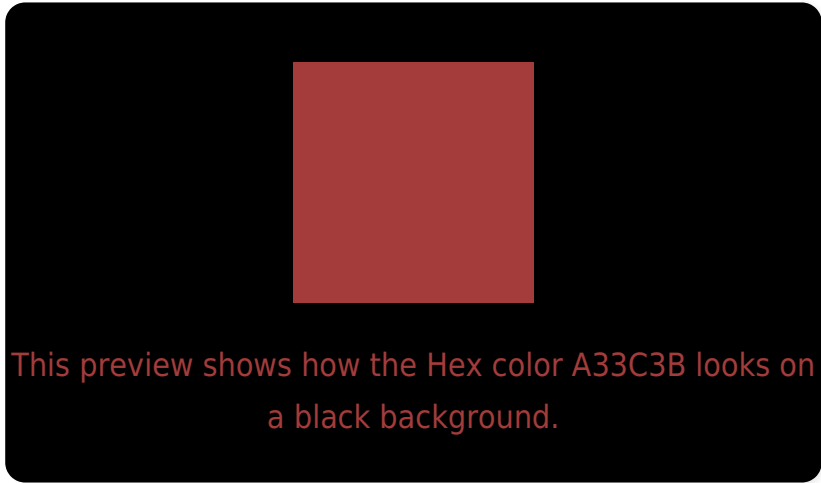
Large Text (above 18pt) WCAG AA ✓ Pass

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 A33C3B Background



This preview shows how black text looks on a background with the Hex color A33C3B.



This preview shows how white text looks on a background with the Hex color A33C3B.

# 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](#).

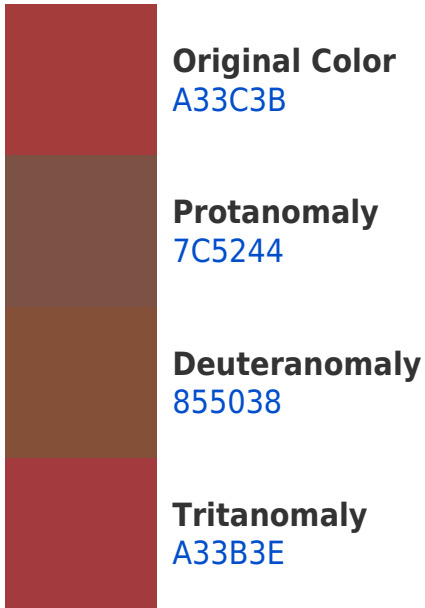
## Dichromacy





**Tritanopia**  
A33B3F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A33C3B 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 #A33C3B looks like.

```
.text, #text, p{  
    color:#A33C3B  
}
```

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 #A33C3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A33C3B
}
```

## Border

The CSS property to change the border of an element to Hex A33C3B 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
#A33C3B }
```

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

```
.border{ border-color:#A33C3B }
```

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

Here you see how a box with a 4 pixel #A33C3B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A33C3B; -webkit-box-shadow:4px 4px  
4px 4px #A33C3B; box-shadow:4px 4px 4px  
4px #A33C3B }
```

# Background

The CSS property to change the background color of an element to Hex A33C3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A33C3B }
```

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

```
.background{ background-color:#A33C3B }
```

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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