

# Converting Colors

Hex(AA3C32)

Have a look what the booklet for  
Hex(AA3C32) contains.

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# Color

Hex(AA3C32)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AA3C32
RGB	170, 60, 50
RGB Percent	67%, 24%, 20%
CMY	0.3333, 0.7647, 0.8039
CMYK	0.00, 0.65, 0.71, 0.33
HSL	5°, 55%, 43%
HSV	5°, 71%, 67%
XYZ	18.7691, 12.0081, 4.3462
YIQ	91.7500, 68.7700, 20.2100

# Conversions

## Conversions Part 2

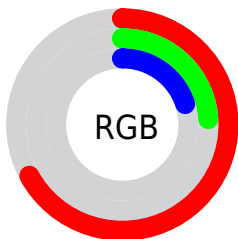
Format	Color
R <sub>Y</sub> B	170, 61, 50
Decimal	11156530
CIE Lab	41.23, 44.49, 30.32
CIE LCh	41, 53.838, 34.275
Yxy	12.0081, 0.5344, 0.3419
Android (android.graphics.Color)	4289346610 (0xFFAA3C32)
YUV	91.7500, -20.5828, 68.6252
Hunter-Lab	34.6526, 36.0401, 16.8207

# Details

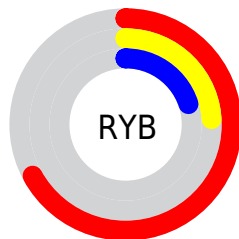
The Hex color **AA3C32** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **32A0AA**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **E77161**, and **6F0005** is the 20% darker color. If you saturate the color by 10%, you get **AA2C21**, and if you desaturate by 10%, it is **AA4C43**.

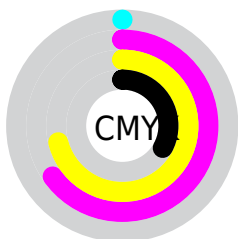
# Distribution



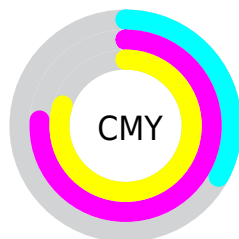
- Red (67%)
- Green (24%)
- Blue (20%)



- Red (67%)
- Yellow (24%)
- Blue (20%)



- Cyan (0%)
- Magenta (65%)
- Yellow (71%)
- Black (33%)



- Cyan (33%)
- Magenta (76%)
- Yellow (80%)
- Black (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AA3C32 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 AA3C32 by changing the saturation by 10% instead.



 AA3C32

 AA3C32

FFFFFF

 8C211C

 E77161

 6F0005

 FF8B7A

 520000

 FFA794

 380001

 FFC3AE

 100000

 FFDFCA

 000000

 FFFCE6

 AA3C32

 AA3C32

 AA2C21

 AA4C43

■ AA1D10

■ AA5B54

■ AA0E00

■ AA6B65

■ AA7A76

■ AA8A87

■ AA9998

■ AAA9A9

■ AAB9BA

■ AAC8CB

# Harmonies

## Analogous

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



AE315D



AA3C32



935007

# Triad

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



AA3C32



007339



0065BA

# Complementary

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



AA3C32



32A0AA

# 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.



0070B1



AA3C32



007567

# Square

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



AA3C32



426D09



007592



6952AB

# Rectangle

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



AA3C32



7D5C00



007592



0069BA



# Sweetspot

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



AA3C32



DEB3AF



AA32A0



705654



F0F0F0



707070



# Same Dimension

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



AA3C32



DE3121



AA7832



544C4C



940C00



140200



# Inverse Universe

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



32A0AA



21CEDE



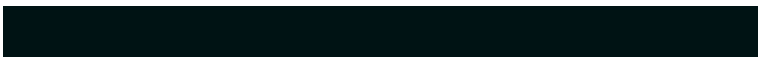
3264AA



4C5354



008894



001314



# Previews

## White Background



This preview shows how the Hex color AA3C32 looks on a white background.

## Color Contrast Check

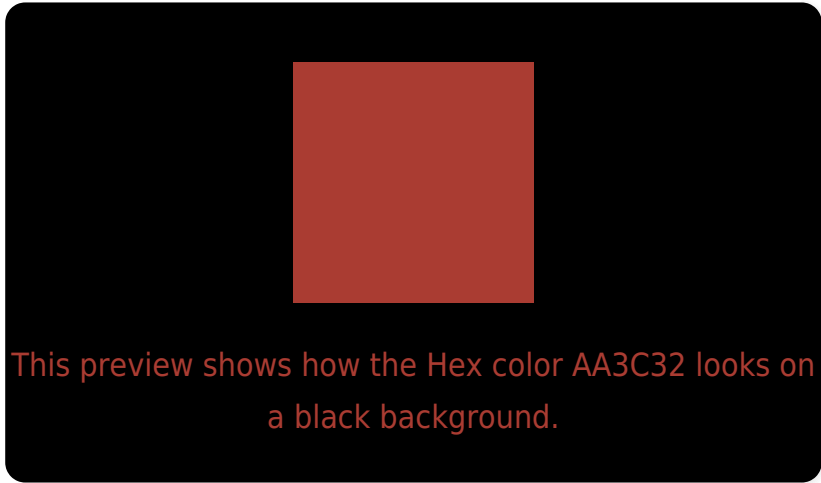
Large Text (above 18pt) WCAG AA ✓ Pass

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 AA3C32 Background



This preview shows how black text looks on a background with the Hex color AA3C32.



This preview shows how white text looks on a background with the Hex color AA3C32.

# 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



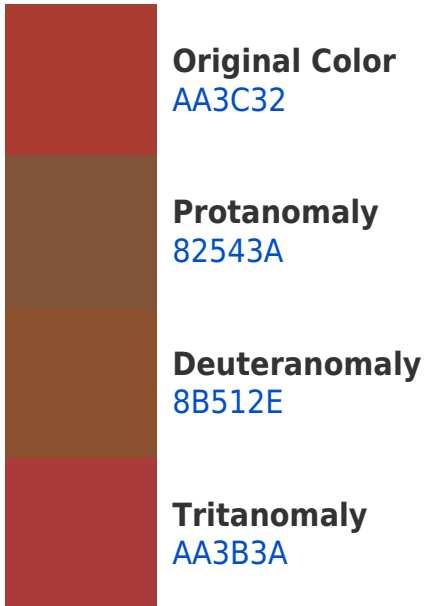
**Original Color**  
AA3C32

**Protanopia**  
6B623F

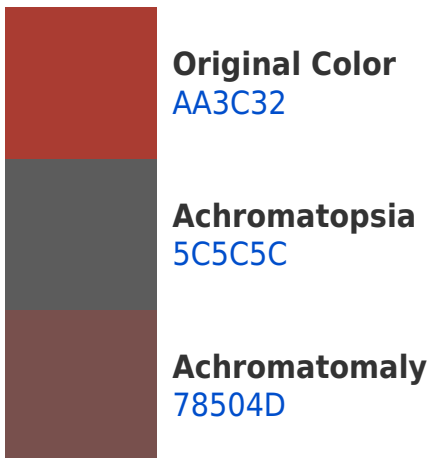
**Deuteranopia**  
795D2C



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AA3C32 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 #AA3C32 looks like.

```
.text, #text, p{  
    color:#AA3C32  
}
```

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 #AA3C32 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA3C32
}
```

## Border

The CSS property to change the border of an element to Hex AA3C32 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
#AA3C32 }
```

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

```
.border{ border-color:#AA3C32 }
```

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

Here you see how a box with a 4 pixel #AA3C32 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA3C32; -webkit-box-shadow:4px 4px  
4px 4px #AA3C32; box-shadow:4px 4px 4px  
4px #AA3C32 }
```

# Background

The CSS property to change the background color of an element to Hex AA3C32 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA3C32 }
```

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

```
.background{ background-color:#AA3C32 }
```

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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