

# Converting Colors

Hex(A32E3C)

Have a look what the booklet for  
Hex(A32E3C) contains.

<b>Hex(A32E3C)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(A32E3C)

# Conversions

## Conversions Part 1

Format	Color
Hex	A32E3C
RGB	163, 46, 60
RGB Percent	64%, 18%, 24%
CMY	0.3608, 0.8196, 0.7647
CMYK	0.00, 0.72, 0.63, 0.36
HSL	353°, 56%, 41%
HSV	353°, 72%, 64%
XYZ	16.8969, 10.0668, 5.3275
YIQ	82.5790, 65.2380, 29.1580

# Conversions

## Conversions Part 2

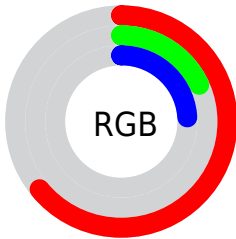
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	163, 46, 60
Decimal	10694204
CIE <sub>Lab</sub>	37.96, 48.55, 19.89
CIE <sub>LCh</sub>	38, 52.463, 22.276
Yxy	10.0668, 0.5233, 0.3118
Android (android.graphics.Color)	4288884284 (0xFFA32E3C)
YUV	82.5790, -11.1314, 70.5292
Hunter-Lab	31.7282, 39.5360, 12.2543

# Details

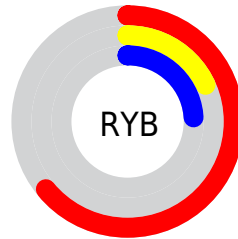
The Hex color **A32E3C** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **2EA395**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **DF646B**, and **690012** is the 20% darker color. If you saturate the color by 10%, you get **A31E2E**, and if you desaturate by 10%, it is **A33E4A**.

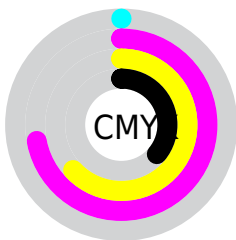
# Distribution



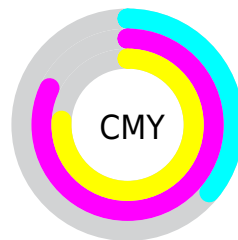
- Red (64%)
- Green (18%)
- Blue (24%)



- Red (64%)
- Yellow (18%)
- Blue (24%)



- Cyan (0%)
- Magenta (72%)
- Yellow (63%)
- Black (36%)



- Cyan (36%)
- Magenta (82%)
- Yellow (76%)
- Black (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A32E3C 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 A32E3C by changing the saturation by 10% instead.



 A32E3C

 A32E3C

FFFFFF

 860C26

 DF646B

 690012

 FE7F84

 4C0000

 FF9B9E

 320002

 FFB6B9

 000000

 FFD3D5

 FFF0F1

 A32E3C

 A32E3C

 A31E2E

 A33E4A

 A30D1F

 A34F59

 A30014

 A35F67

 A36F75

 A37F84

 A39092

 A3A0A0

 A3B0AF

 A3C1BD

# Harmonies

## Analogous

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



9F2C66



A32E3C



934114

# Triad

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



A32E3C



066821



0062AE

# Complementary

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



A32E3C



2EA395

# 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.



006A9C



A32E3C



006C4D

# Square

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



A32E3C



4E6100



006C78



3F53A9

# Rectangle

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



A32E3C



814E00



006C78



0065AA



# Sweetspot

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



A32E3C



D4A5AB



932EA3



6B4F53



EBEBEB



6B6B6B



# Same Dimension

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



A32E3C



D41E33



A3592E



52494A



910011



120002



# Inverse Universe

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



A32E3C



D41E33



2E78A3



52494A



910011



120002



# Previews

## White Background



This preview shows how the Hex color A32E3C looks on a white background.

## Color Contrast Check

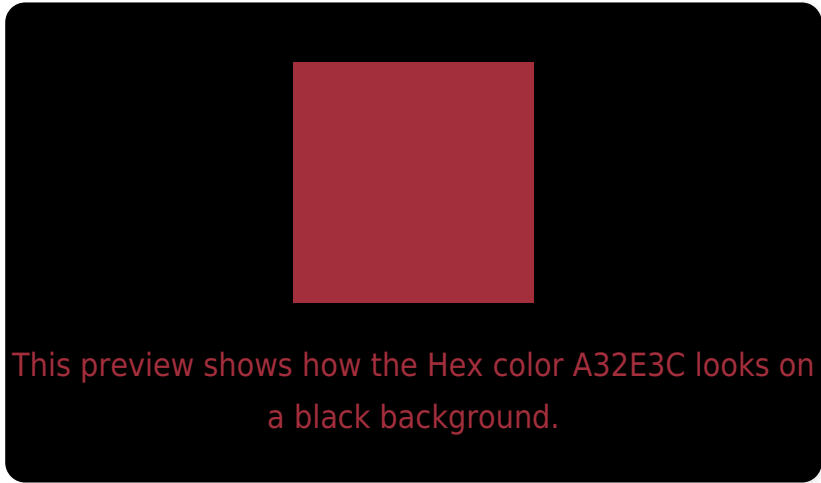
Large Text (above 18pt) WCAG AA ✓ Pass

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 A32E3C Background



This preview shows how black text looks on a background with the Hex color A32E3C.

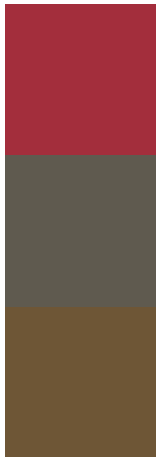


This preview shows how white text looks on a background with the Hex color A32E3C.

# 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



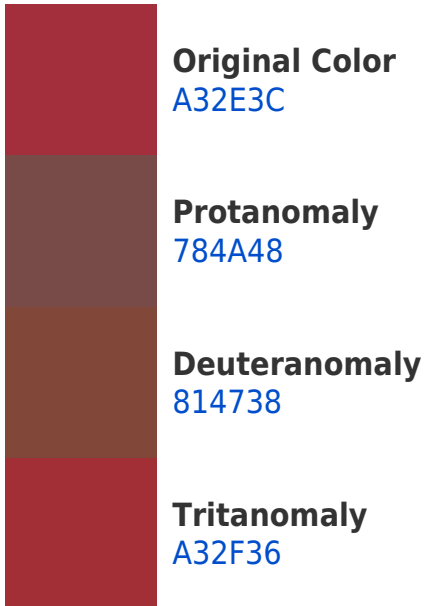
**Original Color**  
A32E3C

**Protanopia**  
5F5A4F

**Deuteranopia**  
6E5636



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A32E3C 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 #A32E3C looks like.

```
.text, #text, p{  
    color:#A32E3C  
}
```

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 #A32E3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A32E3C }  
}
```

## Border

The CSS property to change the border of an element to Hex A32E3C is called "border". The border property can be set on classes, ids or directly on the HTML element.

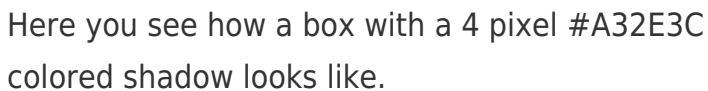
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #A32E3C }  
}
```

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

```
.border{ border-color:#A32E3C }
```

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



Here you see how a box with a 4 pixel `#A32E3C` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A32E3C; -webkit-box-shadow:4px 4px  
4px 4px #A32E3C; box-shadow:4px 4px 4px  
4px #A32E3C }
```

# Background

The CSS property to change the background color of an element to Hex A32E3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A32E3C }
```

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

```
.background{ background-color:#A32E3C }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor