

# Converting Colors

Hex(AC652B)

Have a look what the booklet for  
Hex(AC652B) contains.

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**Color**

**Hex(AC652B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AC652B
RGB	172, 101, 43
RGB Percent	67%, 40%, 17%
CMY	0.3255, 0.6039, 0.8314
CMYK	0.00, 0.41, 0.75, 0.33
HSL	27°, 60%, 42%
HSV	27°, 75%, 67%
XYZ	22.1030, 18.2524, 4.6436
YIQ	115.6170, 60.9340, -2.9860

# Conversions

## Conversions Part 2

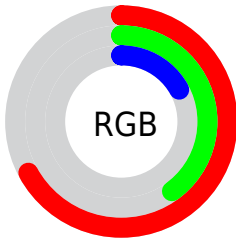
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	172, 148, 43
Decimal	11298091
CIE Lab	49.80, 23.85, 43.57
CIE LCh	50, 49.673, 61.307
Yxy	18.2524, 0.4912, 0.4056
Android (android.graphics.Color)	4289488171 (0xFFAC652B)
YUV	115.6170, -35.8002, 49.4479
Hunter-Lab	42.7229, 17.5832, 23.4617

# Details

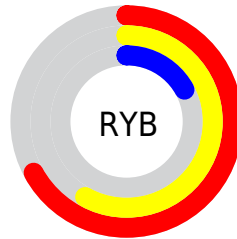
The Hex color **AC652B** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **2B72AC**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **E8985C**, and **723500** is the 20% darker color. If you saturate the color by 10%, you get **AC5C1A**, and if you desaturate by 10%, it is **AC6E3C**.

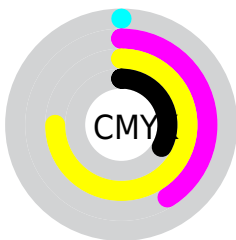
# Distribution



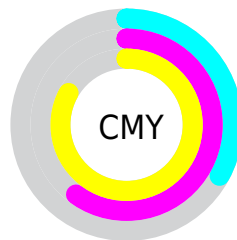
- Red (67%)
- Green (40%)
- Blue (17%)



- Red (67%)
- Yellow (58%)
- Blue (17%)



- Cyan (0%)
- Magenta (41%)
- Yellow (75%)
- Black (33%)



- Cyan (33%)
- Magenta (60%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AC652B 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 AC652B by changing the saturation by 10% instead.



 AC652B

 AC652B

FFFFFF

 8F4D12

 E8985C

 723500

 FF375

 561F00

 FFCF90

 3B0800

 FFEBAB

 250001

 FFFFC6

 000000

 FFFFE2

 AC652B

 AC652B

 AC5C1A

 AC6E3C

■ AC5209

■ AC784D

■ AC4D00

■ AC815F

■ AC8B70

■ AC9481

■ AC9E92

■ ACA7A3

■ ACB1B5

■ ACBAC6

# Harmonies

## Analogous

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



C0554D



AC652B



8B7519

# Triad

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



AC652B



008B77



796ABF

# Complementary

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



AC652B



2B72AC

# 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.



007BCB



AC652B



008AA1

# Square

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



AC652B



1C884C



0085C0



AB59A0

# Rectangle

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



AC652B



6F7D20



0085C0



6170C5



# Sweetspot

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



AC652B



E0C4AD



AC2B74



705F51



F0F0F0



707070



# Same Dimension

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



AC652B



E07116



ACA32B



57524E



964400



170A00



# Inverse Universe

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



2B72AC



1686E0



2B34AC



4E5357



005396



000D17



# Previews

## White Background



This preview shows how the Hex color AC652B looks on a white background.

## Color Contrast Check

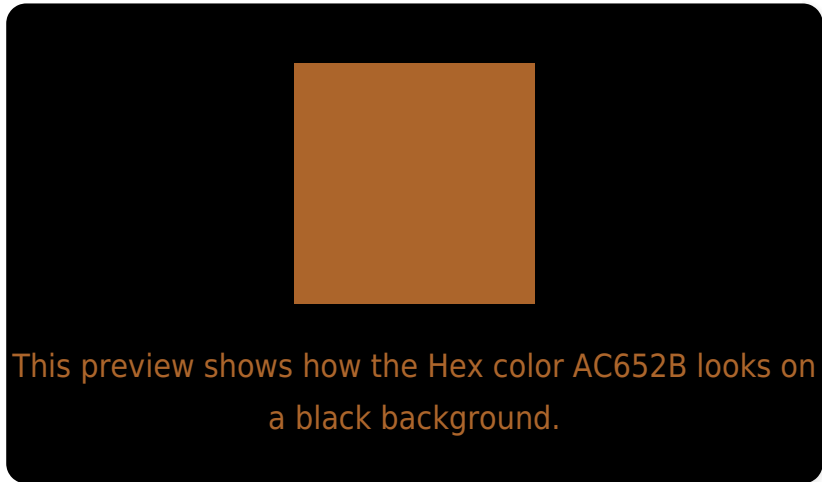
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex AC652B Background



This preview shows how black text looks on a background with the Hex color AC652B.



This preview shows how white text looks on a background with the Hex color AC652B.

# 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**  
AC652B

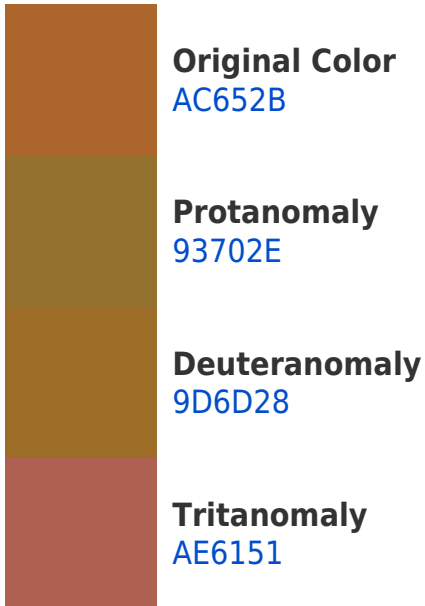
**Protanopia**  
857730

**Deuteranopia**  
957127

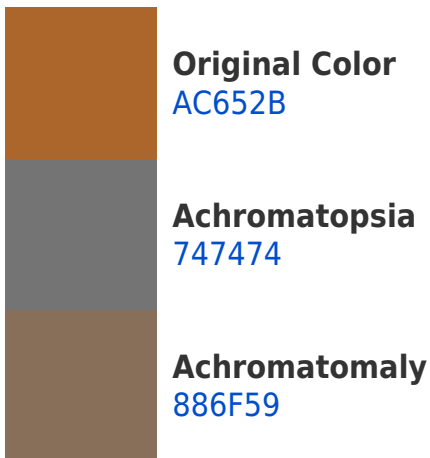


**Tritanopia**  
AF5F66

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AC652B 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 #AC652B looks like.

```
.text, #text, p{  
    color:#AC652B  
}
```

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 #AC652B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC652B }  
}
```

## Border

The CSS property to change the border of an element to Hex AC652B 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 #AC652B }  
}
```

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

```
.border{ border-color:#AC652B }
```

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

Here you see how a box with a 4 pixel #AC652B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC652B; -webkit-box-shadow:4px 4px  
4px 4px #AC652B; box-shadow:4px 4px 4px  
4px #AC652B }
```

# Background

The CSS property to change the background color of an element to Hex AC652B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC652B }
```

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

```
.background{ background-color:#AC652B }
```

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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