

# Converting Colors

Hex(AC752D)

Have a look what the booklet for  
Hex(AC752D) contains.

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**Color**

**Hex(AC752D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AC752D
RGB	172, 117, 45
RGB Percent	67%, 46%, 18%
CMY	0.3255, 0.5412, 0.8235
CMYK	0.00, 0.32, 0.74, 0.33
HSL	34°, 59%, 43%
HSV	34°, 74%, 67%
XYZ	23.8482, 21.6827, 5.4109
YIQ	125.2370, 55.8920, -10.7320

# Conversions

## Conversions Part 2

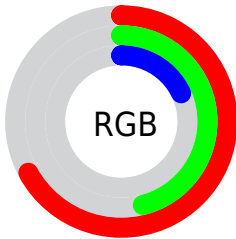
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	142, 172, 45
Decimal	11302189
CIE Lab	53.69, 14.98, 46.62
CIE LCh	54, 48.970, 72.188
Yxy	21.6827, 0.4681, 0.4256
Android (android.graphics.Color)	4289492269 (0xFFAC752D)
YUV	125.2370, -39.5568, 41.0112
Hunter-Lab	46.5647, 9.9310, 25.7057

# Details

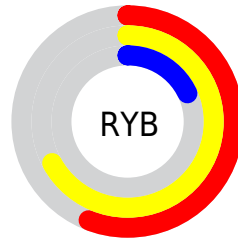
The Hex color **AC752D** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **2D64AC**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **E7A95F**, and **734500** is the 20% darker color. If you saturate the color by 10%, you get **AC6E1C**, and if you desaturate by 10%, it is **AC7C3E**.

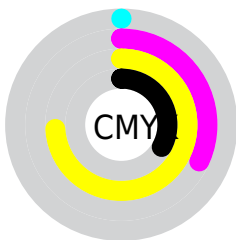
# Distribution



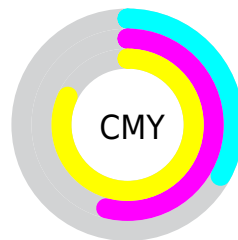
- Red (67%)
- Green (46%)
- Blue (18%)



- Red (56%)
- Yellow (67%)
- Blue (18%)



- Cyan (0%)
- Magenta (32%)
- Yellow (74%)
- Black (33%)



- Cyan (33%)
- Magenta (54%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AC752D 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 AC752D by changing the saturation by 10% instead.



 AC752D

 AC752D

FFFFFF

 8F5C13

 E7A95F

 734500

 FFC479

 582E00

 FFE093

 3D1900

 FFFDAE

 250100

 FFFFC A

 000000

 FFFF E7

 AC752D

 AC752D

 AC6E1C

 AC7C3E

 AC660B

 AC844F

 AC6200

 AC8B61

 AC9372

 AC9A83

 ACA294

 ACA9A5

 ACB1B7

 ACB8C8

# Harmonies

## Analogous

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



C66549



AC752D



878427

# Triad

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



AC752D



009591



996EBF

# Complementary

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



AC752D



2D64AC

# 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.



527FD3



AC752D



0093B8

# Square

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



AC752D



009365



008CD0



C05E9B

# Rectangle

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



AC752D



698B34



008CD0



8674C8



# Sweetspot

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



AC752D



E0CBAF



AC2D64



706453



F0F0F0



707070



# Same Dimension

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



AC752D



E08A19



A4AC2D



57534E



965500



170D00



# Inverse Universe

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



2D64AC



196FE0



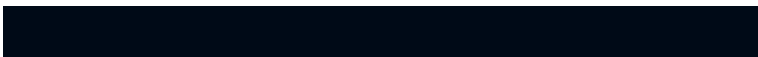
352DAC



4E5257



004196

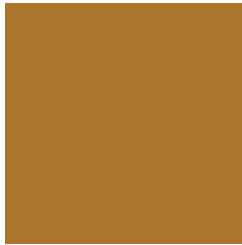


000A17



# Previews

## White Background



This preview shows how the Hex color AC752D looks on a white background.

## Color Contrast Check

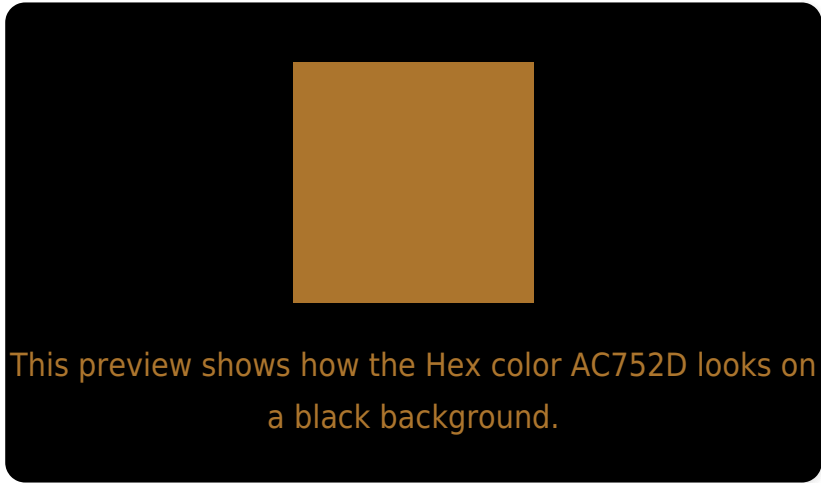
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# 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 AC752D Background



This preview shows how black text looks on a background with the Hex color AC752D.



This preview shows how white text looks on a background with the Hex color AC752D.

# 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**  
AC752D

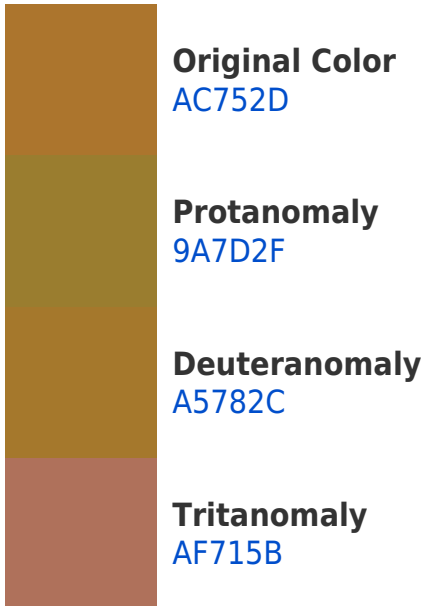
**Protanopia**  
908130

**Deuteranopia**  
A17A2B



**Tritanopia**  
B16E76

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AC752D 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 #AC752D looks like.

```
.text, #text, p{  
    color:#AC752D  
}
```

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 #AC752D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC752D  
}
```

## Border

The CSS property to change the border of an element to Hex AC752D 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  
#AC752D }
```

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

```
.border{ border-color:#AC752D }
```

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

Here you see how a box with a 4 pixel #AC752D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC752D; -webkit-box-shadow:4px 4px  
4px 4px #AC752D; box-shadow:4px 4px 4px  
4px #AC752D }
```

# Background

The CSS property to change the background color of an element to Hex AC752D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC752D }
```

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

```
.background{ background-color:#AC752D }
```

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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