

# Converting Colors

Hex(A75D3A)

Have a look what the booklet for  
Hex(A75D3A) contains.

<b>Hex(A75D3A)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(A75D3A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A75D3A
RGB	167, 93, 58
RGB Percent	65%, 36%, 23%
CMY	0.3451, 0.6353, 0.7725
CMYK	0.00, 0.44, 0.65, 0.35
HSL	19°, 48%, 44%
HSV	19°, 65%, 65%
XYZ	20.6144, 16.3497, 6.0723
YIQ	111.1360, 55.3390, 4.8030

# Conversions

## Conversions Part 2

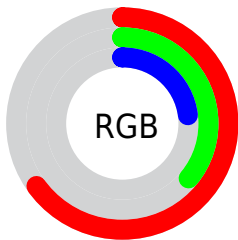
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	167, 110, 58
Decimal	10968378
CIE Lab	47.43, 27.00, 32.95
CIE LCh	47, 42.603, 50.663
Yxy	16.3497, 0.4790, 0.3799
Android (android.graphics.Color)	4289158458 (0xFFA75D3A)
YUV	111.1360, -26.1960, 48.9927
Hunter-Lab	40.4347, 20.2420, 19.4004

# Details

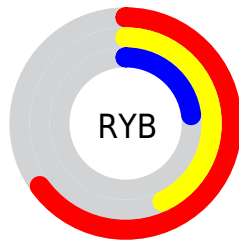
The Hex color **A75D3A** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3A84A7**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **E2906A**, and **6E2D0D** is the 20% darker color. If you saturate the color by 10%, you get **A75229**, and if you desaturate by 10%, it is **A7684B**.

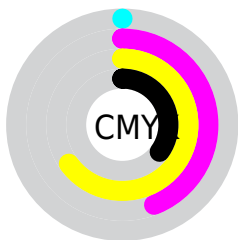
# Distribution



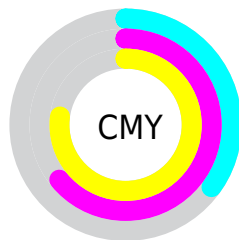
- Red (65%)
- Green (36%)
- Blue (23%)



- Red (65%)
- Yellow (43%)
- Blue (23%)



- Cyan (0%)
- Magenta (44%)
- Yellow (65%)
- Black (35%)



- Cyan (35%)
- Magenta (64%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A75D3A 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 A75D3A by changing the saturation by 10% instead.



 A75D3A

 A75D3A

FFFFFF

 8A4523

 E2906A

 6E2D0D

 FFAB84

 531600

 FFC79E

 380000

 FFE3B9

 1D0001

 FFFFD5

 000000

 FFFFF1

 A75D3A

 A75D3A

 A75229

 A7684B

 A74619

 A7745B

 A73B08

 A77F6C

 A73600

 A78A7D

 A7968D

 A7A19E

 A7ACAF

 A7B8C0

 A7C3D0

# Harmonies

## Analogous

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



B35259



A75D3A



8E6B27

# Triad

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



A75D3A



008264



5F6CB4

# Complementary

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



A75D3A



3A84A7

# 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.



0078B7



A75D3A



008289

# Square

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



A75D3A



417E41



007FA7



915D9E

# Rectangle

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



A75D3A



787325



007FA7



4770B7



# Sweetspot

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



A75D3A



D9BBAD



A73A84



6E5C53



EDEDED



6E6E6E



# Same Dimension

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



A75D3A



D96630



A7933A



544E4C



942F00



140700



# Inverse Universe

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



3A84A7



30A2D9



3A4EA7



4C5154



006494

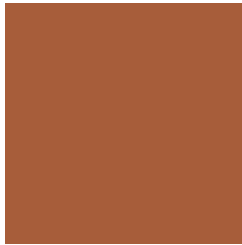


000E14



# Previews

## White Background



This preview shows how the Hex color A75D3A looks on a white background.

## Color Contrast Check

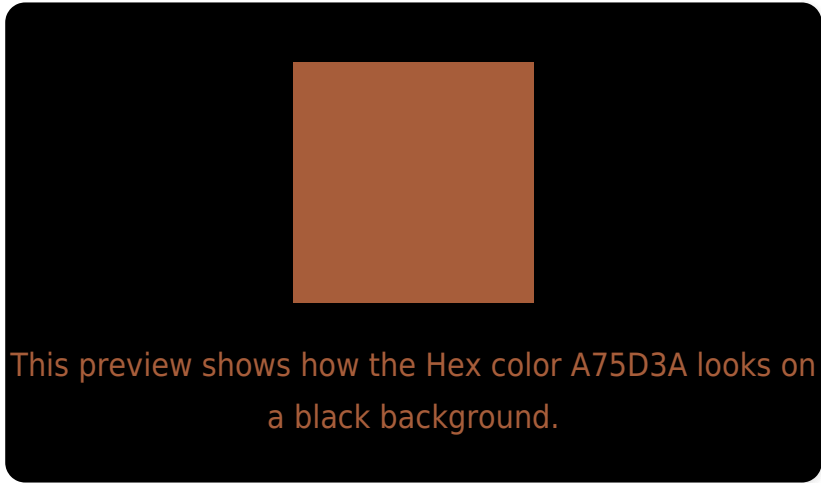
Large Text (above 18pt) WCAG AA ✓ Pass

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

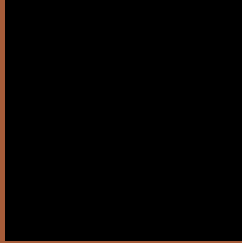
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A75D3A Background



This preview shows how black text looks on a background with the Hex color A75D3A.



This preview shows how white text looks on a background with the Hex color A75D3A.

# 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**  
A75D3A

**Protanopia**  
7C7141

**Deuteranopia**  
8B6C37



**Tritanopia**  
A9595F

# Trichromacy



**Original Color**  
A75D3A

**Protanomaly**  
8C6A3E

**Deuteranomaly**  
956738

**Tritanomaly**  
A85A52

# Monochromacy



**Original Color**  
A75D3A

**Achromatopsia**  
6F6F6F

**Achromatomaly**  
83685C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A75D3A 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 #A75D3A looks like.

```
.text, #text, p{  
    color:#A75D3A  
}
```

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 #A75D3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A75D3A
}
```

## Border

The CSS property to change the border of an element to Hex A75D3A is called "border". The border property can be set on classes, ids or directly on the HTML element.

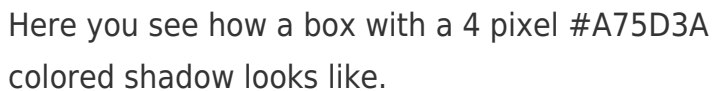
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A75D3A }
```

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

```
.border{ border-color:#A75D3A }
```

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

A rectangular box with a 4px #A75D3A colored shadow. The box is white with a thin brown border. The shadow is a darker brown color, matching the border color, and is applied to the bottom and right sides of the box.

Here you see how a box with a 4 pixel #A75D3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A75D3A; -webkit-box-shadow:4px 4px  
4px 4px #A75D3A; box-shadow:4px 4px 4px  
4px #A75D3A }
```

# Background

The CSS property to change the background color of an element to Hex A75D3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A75D3A }
```

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

```
.background{ background-color:#A75D3A }
```

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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