

# Converting Colors

Hex(A75C46)

Have a look what the booklet for  
Hex(A75C46) contains.

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**Color**

**Hex(A75C46)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A75C46
RGB	167, 92, 70
RGB Percent	65%, 36%, 27%
CMY	0.3451, 0.6392, 0.7255
CMYK	0.00, 0.45, 0.58, 0.35
HSL	14°, 41%, 46%
HSV	14°, 58%, 65%
XYZ	20.8690, 16.3120, 7.8430
YIQ	111.9170, 51.7620, 9.0580

# Conversions

## Conversions Part 2

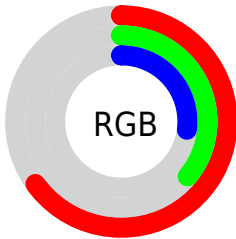
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	167, 98, 70
Decimal	10968134
CIE <sub>Lab</sub>	47.38, 28.45, 26.06
CIE <sub>LCh</sub>	47, 38.581, 42.495
Yxy	16.3120, 0.4635, 0.3623
Android (android.graphics.Color)	4289158214 (0xFFA75C46)
YUV	111.9170, -20.6651, 48.3078
Hunter-Lab	40.3881, 21.5538, 16.7581

# Details

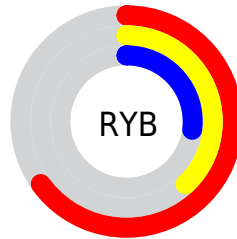
The Hex color **A75C46** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **4691A7**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **E18F77**, and **6F2C1A** is the 20% darker color. If you saturate the color by 10%, you get **A74F35**, and if you desaturate by 10%, it is **A76957**.

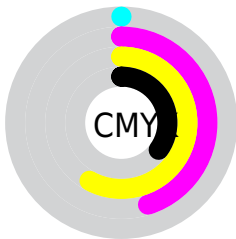
# Distribution



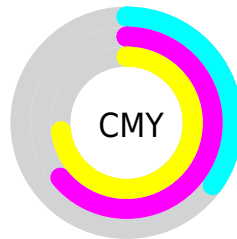
- Red (65%)
- Green (36%)
- Blue (27%)



- Red (65%)
- Yellow (38%)
- Blue (27%)



- Cyan (0%)
- Magenta (45%)
- Yellow (58%)
- Black (35%)



- Cyan (35%)
- Magenta (64%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A75C46 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 A75C46 by changing the saturation by 10% instead.



 A75C46

 A75C46

FFFFFF

 8B442F

 E18F77

 6F2C1A

 FFAA90

 541401

 FFC6AB

 390000

 FFE2C6

 1F0001

 FFFFEE

 000000

 A75C46

 A75C46

 A74F35

 A76957

 A74225

 A77667

 A73514

 A78378

 A72803

 A79089

 A72600

 A79D9A

 A7A9AA

 A7B6BB

 A7C3CC

 A7D0DC

# Harmonies

## Analogous

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



AD5564



A75C46



936831

# Triad

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



A75C46



1C7F5C



526FB0

# Complementary

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



A75C46



4691A7

# 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.



0079AE



A75C46



00817D

# Square

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



A75C46



527B3F



007F9B



8462A0

# Rectangle

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



A75C46



81702D



007F9B



3A73B1



# Sweetspot

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



A75C46



D9BCB4



A74692



6E5D58



EDEDED



6E6E6E



# Same Dimension

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



A75C46



D96341



A78C46



544E4C



942200



140500



# Inverse Universe

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



4691A7



41B6D9



4661A7



4C5254



007294

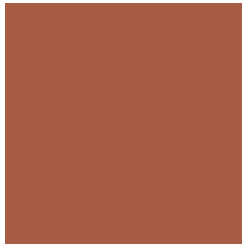


001014



# Previews

## White Background



This preview shows how the Hex color A75C46 looks on a white background.

## Color Contrast Check

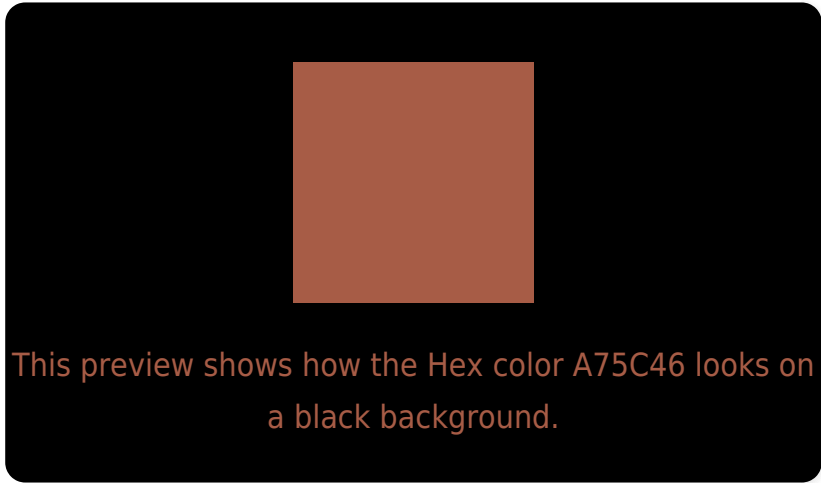
Large Text (above 18pt) WCAG AA ✓ Pass

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 A75C46 Background



This preview shows how black text looks on a background with the Hex color A75C46.



This preview shows how white text looks on a background with the Hex color A75C46.

# 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**  
A75C46

**Protanopia**  
7A714E

**Deuteranopia**  
896C43



**Tritanopia**  
A9595F

# Trichromacy



**Original Color**  
A75C46

**Protanomaly**  
8A694B

**Deuteranomaly**  
946644

**Tritanomaly**  
A85A56

# Monochromacy



**Original Color**  
A75C46

**Achromatopsia**  
707070

**Achromatomaly**  
846961

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A75C46 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 #A75C46 looks like.

```
.text, #text, p{  
    color:#A75C46  
}
```

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 #A75C46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A75C46
}
```

## Border

The CSS property to change the border of an element to Hex A75C46 is called "border". The border property can be set on classes, ids or directly on the HTML element.

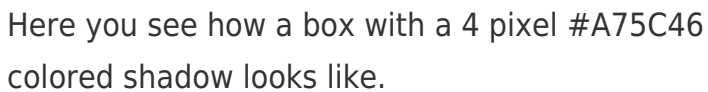
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A75C46 }
```

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

```
.border{ border-color:#A75C46 }
```

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



Here you see how a box with a 4 pixel `#A75C46` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A75C46; -webkit-box-shadow:4px 4px  
4px 4px #A75C46; box-shadow:4px 4px 4px  
4px #A75C46 }
```

# Background

The CSS property to change the background color of an element to Hex A75C46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A75C46 }
```

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

```
.background{ background-color:#A75C46 }
```

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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