

# Converting Colors

Hex(A7542D)

Have a look what the booklet for  
Hex(A7542D) contains.

<b>Hex(A7542D)</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(A7542D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A7542D
RGB	167, 84, 45
RGB Percent	65%, 33%, 18%
CMY	0.3451, 0.6706, 0.8235
CMYK	0.00, 0.50, 0.73, 0.35
HSL	19°, 58%, 42%
HSV	19°, 73%, 65%
XYZ	19.5803, 14.7456, 4.2968
YIQ	104.3710, 61.9870, 5.4670

# Conversions

## Conversions Part 2

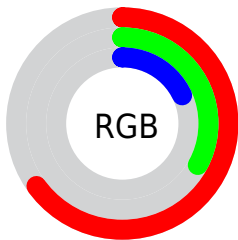
Format	Color
R <sub>Y</sub> B	167, 102, 45
Decimal	10966061
CIE Lab	45.28, 31.15, 37.57
CIE LCh	45, 48.802, 50.341
Yxy	14.7456, 0.5070, 0.3818
Android (android.graphics.Color)	4289156141 (0xFFA7542D)
YUV	104.3710, -29.2699, 54.9256
Hunter-Lab	38.4000, 23.8179, 20.2457

# Details

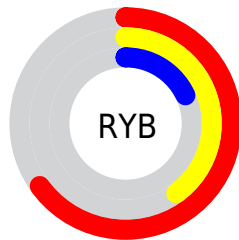
The Hex color **A7542D** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **2D80A7**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **E3875D**, and **6D2400** is the 20% darker color. If you saturate the color by 10%, you get **A7491C**, and if you desaturate by 10%, it is **A75F3E**.

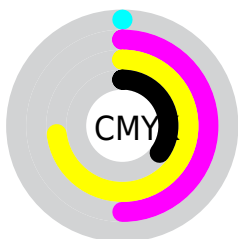
# Distribution



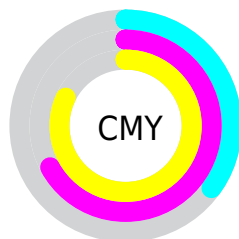
- Red (65%)
- Green (33%)
- Blue (18%)



- Red (65%)
- Yellow (40%)
- Blue (18%)



- Cyan (0%)
- Magenta (50%)
- Yellow (73%)
- Black (35%)



- Cyan (35%)
- Magenta (67%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A7542D 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 A7542D by changing the saturation by 10% instead.



 A7542D

 A7542D

FFFFFF

 8A3C16

 E3875D

 6D2400

 FFA276

 510A00

 FFBD90

 360000

 FFD9AB

 170000

 FFF6C6

 000000

 FFFFE2

 A7542D

 A7542D

 A7491C

 A75F3E

 A73D0C

 A76B4E

 A73500

 A7765F

 A78170

 A78D80

 A79891

 A7A4A2

 A7AFB3

 A7BAC3

# Harmonies

## Analogous

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



B54651



A7542D



8B6512

# Triad

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



A7542D



007E5C



5266B8

# Complementary

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



A7542D



2D80A7

# 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.



0074BC



A7542D



007E86

# Square

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



A7542D



327A34



007CA9



8F54A0

# Rectangle

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



A7542D



736E0E



007CA9



2F6BBC



# Sweetspot

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



A7542D



D9B8A9



A72D80



6E5A51



EDEDED



6E6E6E



# Same Dimension

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



A7542D



D9571A



A7912D



544E4C



942F00



140700



# Inverse Universe

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



2D80A7



1A9CD9



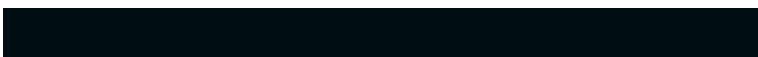
2D43A7



4C5154



006594

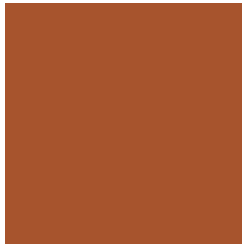


000E14



# Previews

## White Background



This preview shows how the Hex color A7542D looks on a white background.

## Color Contrast Check

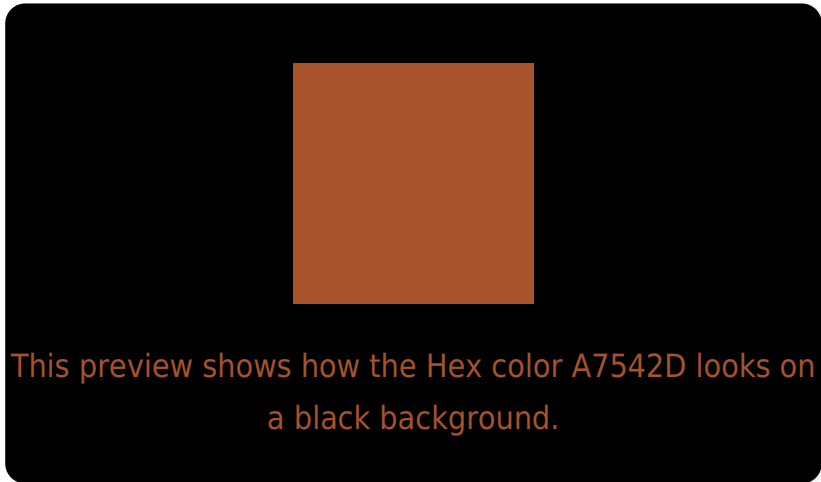
Large Text (above 18pt) WCAG AA ✓ Pass

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 A7542D Background



This preview shows how black text looks on a background with the Hex color A7542D.



This preview shows how white text looks on a background with the Hex color A7542D.

# 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**  
A7542D

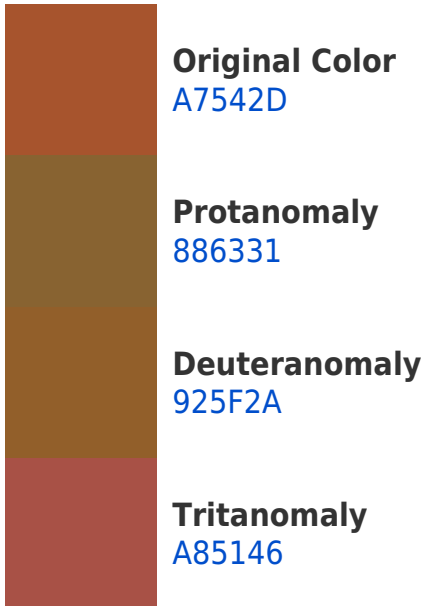
**Protanopia**  
776C34

**Deuteranopia**  
866628

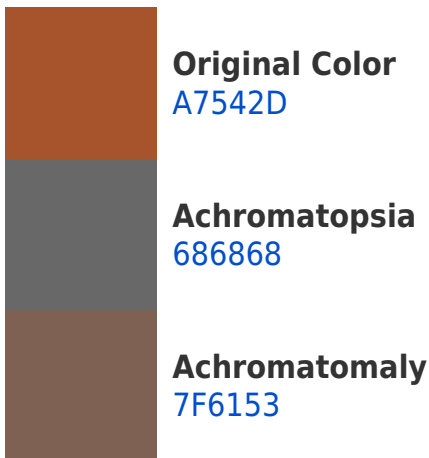


**Tritanopia**  
A94F55

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A7542D 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 #A7542D looks like.

```
.text, #text, p{  
    color:#A7542D  
}
```

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 #A7542D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A7542D  
}
```

## Border

The CSS property to change the border of an element to Hex A7542D 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  
#A7542D }
```

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

```
.border{ border-color:#A7542D }
```

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

Here you see how a box with a 4 pixel #A7542D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A7542D; -webkit-box-shadow:4px 4px  
4px 4px #A7542D; box-shadow:4px 4px 4px  
4px #A7542D }
```

# Background

The CSS property to change the background color of an element to Hex A7542D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A7542D }
```

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

```
.background{ background-color:#A7542D }
```

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