

Converting Colors

Hex(A5735D)

Have a look what the booklet for
Hex(A5735D) contains.

Hex(A5735D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(A5735D)

Conversions

Conversions Part 1

Format	Color
Hex	A5735D
RGB	165, 115, 93
RGB Percent	65%, 45%, 36%
CMY	0.3529, 0.5490, 0.6353
CMYK	0.00, 0.30, 0.44, 0.35
HSL	18°, 29%, 51%
HSV	18°, 44%, 65%
XYZ	23.6236, 21.0511, 13.1741
YIQ	127.4420, 36.8620, 3.7580

Conversions

Conversions Part 2

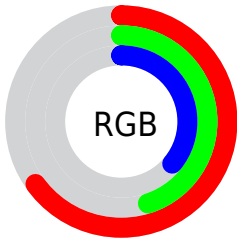
Format	Color
R_{YB}	165, 125, 93
Decimal	10842973
CIE _{Lab}	53.01, 16.93, 20.05
CIE _{LCh}	53, 26.246, 49.827
Yxy	21.0511, 0.4084, 0.3639
Android (android.graphics.Color)	4289033053 (0xFFA5735D)
YUV	127.4420, -16.9799, 32.9384
Hunter-Lab	45.8815, 11.6139, 15.0929

Details

The Hex color **A5735D** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **5D8FA5**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **DEA78F**, and **6F432F** is the 20% darker color. If you saturate the color by 10%, you get **A5684C**, and if you desaturate by 10%, it is **A57E6D**.

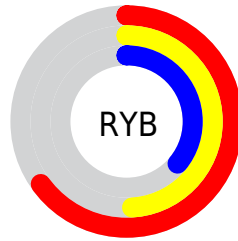
Distribution



Red (65%)

Green (45%)

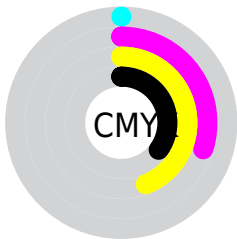
Blue (36%)



Red (65%)

Yellow (49%)

Blue (36%)

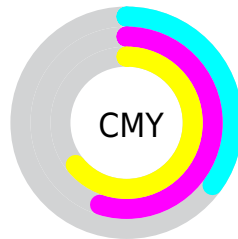


Cyan (0%)

Magenta (30%)

Yellow (44%)

Black (35%)



Cyan (35%)

Magenta (55%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color A5735D 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 A5735D by changing the saturation by 10% instead.

 A5735D

 A5735D

FFFFFF

 8A5A45

 DEA78F

 6F432F

 FBC2AA

 552C1A

 FFDEC5

 3C1700

 FFFBE1

 250000

FFFFFFE

 000000

 A5735D

 A5735D

 A5684C

 A57E6D

 A55C3C

 A58A7E

 A5512B

 A5958E

 A5451B

 A5A19F

 A53A0A

 A5ACAF

 A53200

 A5B8C0

 A5C3D0

 A5CFE1

 A5DAF1

Harmonies

Analogous

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



AB6E70



A5735D



957B52

Triad

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



A5735D



4A8A76



777CA9

Complementary

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



A5735D



5D8FA5

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.



5483AA



A5735D



348B8D

Square

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



A5735D



658761



3788A0



94749C

Rectangle

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



A5735D



878052



3788A0



6B7EAB

Sweetspot

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



A5735D



D6C3BA



A55D8F



6B5F5A



EBEBEB



6B6B6B

Same Dimension

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



A5735D



D68967



A5975D



524C49



912C00



120500

Inverse Universe

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



5D8FA5



67B4D6



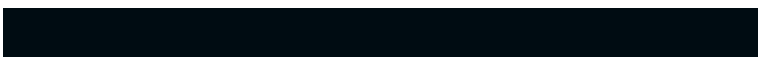
5D6BA5



494F52



006591



000C12

Previews

White Background



This preview shows how the Hex color A5735D looks on a white background.

Color Contrast Check

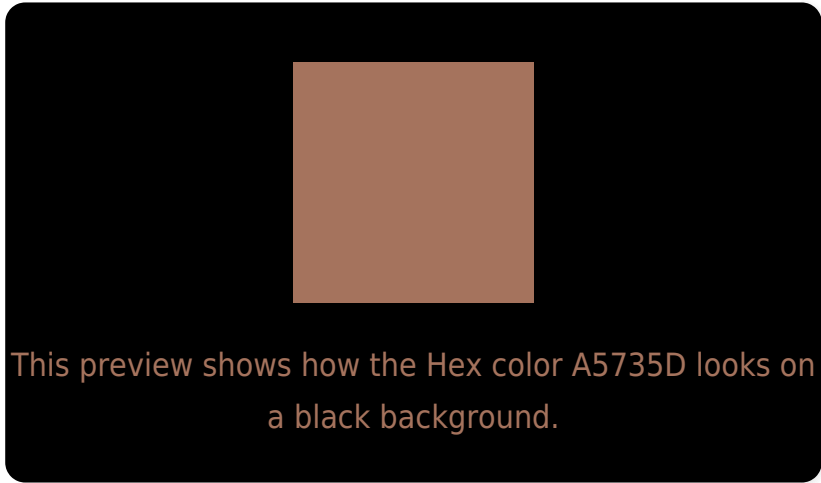
Large Text (above 18pt) WCAG AA ✓ Pass

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

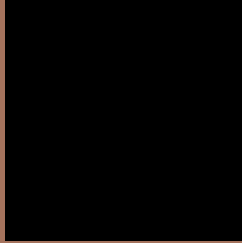
Any Text WCAG AA ✓ Pass

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 A5735D Background



This preview shows how black text looks on a background with the Hex color A5735D.



This preview shows how white text looks on a background with the Hex color A5735D.

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
A5735D

Protanopia
877F62

Deuteranopia
967A5C



Tritanopia
A76F78

Trichromacy



Original Color
A5735D

Protanomaly
927B60

Deuteranomaly
9B775C

Tritanomaly
A6706E

Monochromacy



Original Color
A5735D

Achromatopsia
7F7F7F

Achromatomaly
8D7B73

CSS Examples

Text

The CSS property to change the color of the text to Hex A5735D 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 #A5735D looks like.

```
.text, #text, p{  
    color:#A5735D  
}
```

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 #A5735D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A5735D
}
```

Border

The CSS property to change the border of an element to Hex A5735D is called "border". The border property can be set on classes, ids or directly on the HTML element.

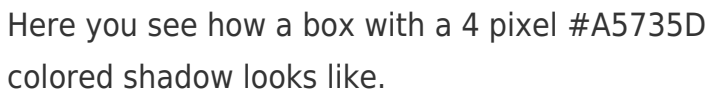
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A5735D }
```

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

```
.border{ border-color:#A5735D }
```

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



Here you see how a box with a 4 pixel #A5735D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A5735D; -webkit-box-shadow:4px 4px  
4px 4px #A5735D; box-shadow:4px 4px 4px  
4px #A5735D }
```

Background

The CSS property to change the background color of an element to Hex A5735D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A5735D }
```

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

```
.background{ background-color:#A5735D }
```

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