

# Converting Colors

Hex(A2735D)

Have a look what the booklet for  
Hex(A2735D) contains.

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# Color

Hex(A2735D)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A2735D
RGB	162, 115, 93
RGB Percent	64%, 45%, 36%
CMY	0.3647, 0.5490, 0.6353
CMYK	0.00, 0.29, 0.43, 0.36
HSL	19°, 27%, 50%
HSV	19°, 43%, 64%
XYZ	23.0068, 20.7332, 13.1452
YIQ	126.5450, 35.0740, 3.1220

# Conversions

## Conversions Part 2

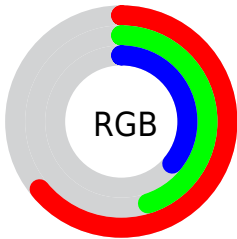
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	162, 125, 93
Decimal	10646365
CIE <sub>Lab</sub>	52.66, 15.68, 19.53
CIE <sub>LCh</sub>	53, 25.040, 51.239
Yxy	20.7332, 0.4044, 0.3645
Android (android.graphics.Color)	4288836445 (0xFFA2735D)
YUV	126.5450, -16.5377, 31.0940
Hunter-Lab	45.5337, 10.5068, 14.7570

# Details

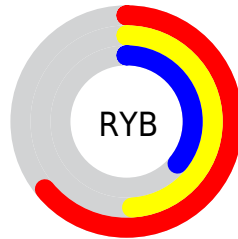
The Hex color **A2735D** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **5D8CA2**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **DAA78F**, and **6C432F** is the 20% darker color. If you saturate the color by 10%, you get **A2684D**, and if you desaturate by 10%, it is **A27E6D**.

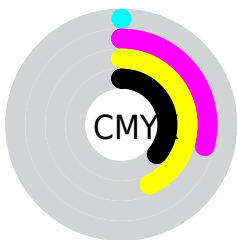
# Distribution



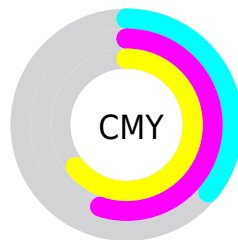
- Red (64%)
- Green (45%)
- Blue (36%)



- Red (64%)
- Yellow (49%)
- Blue (36%)



- Cyan (0%)
- Magenta (29%)
- Yellow (43%)
- Black (36%)



- Cyan (36%)
- Magenta (55%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A2735D 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 A2735D by changing the saturation by 10% instead.



 A2735D

 A2735D

FFFFFF

 875A45

 DAA78F

 6C432F

 F8C2AA

 522C1A

 FFDEC5

 3A1700

 FFFBE1

 230000

FFFFFFE

 000000

 A2735D

 A2735D

 A2684D

 A27E6D

 A25D3D

 A2897D

 A2522C

 A2948E

 A2471C

 A29F9E

 A23C0C

 A2AAAE

 A23400

 A2B5BE

 A2C0CE

 A2CBDF

 A2D6EF

# Harmonies

## Analogous

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



A96E6F



A2735D



927A53

# Triad

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



A2735D



4B8976



787AA6

# Complementary

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



A2735D



5D8CA2

# 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.



5882A8



A2735D



38898C

# Square

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



A2735D



648662



3C879E



937399

# Rectangle

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



A2735D



857F53



3C879E



6D7DA8



# Sweetspot

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



A2735D



D4C1B8



A25D8C



6B5F5A



EBEBEB



6B6B6B



# Same Dimension

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



A2735D



D48A68



A2955D



524C49



912E00



120600



# Inverse Universe

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



5D8CA2



68B1D4



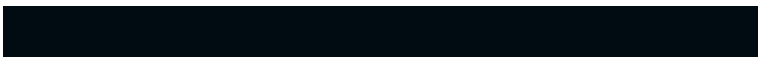
5D6AA2



494F52



006391



000C12



# Previews

## White Background



This preview shows how the Hex color A2735D looks on a white background.

## Color Contrast Check

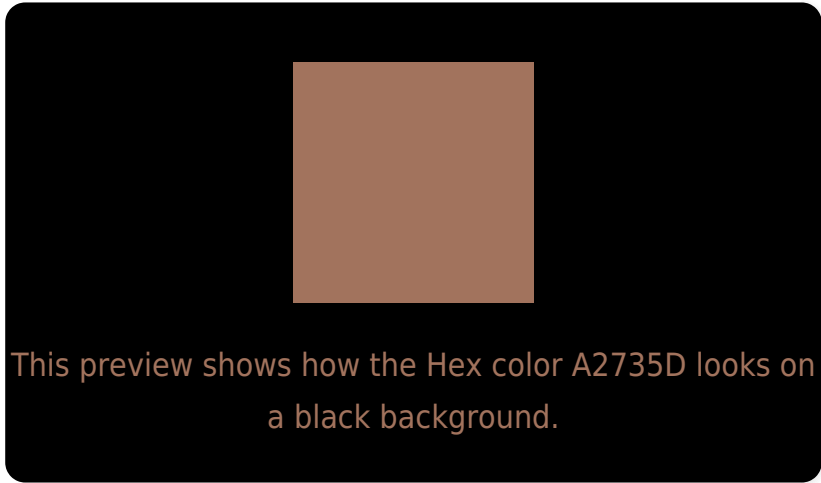
Large Text (above 18pt) WCAG AA ✓ Pass

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

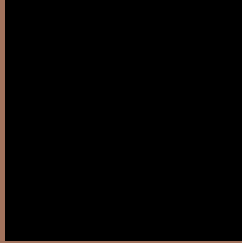
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A2735D Background



This preview shows how black text looks on a background with the Hex color A2735D.



This preview shows how white text looks on a background with the Hex color A2735D.

# 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





**Tritanopia**  
A46F78

# Trichromacy



**Original Color**  
A2735D

**Protanomaly**  
907A60

**Deuteranomaly**  
9A775C

**Tritanomaly**  
A3706E

# Monochromacy



**Original Color**  
A2735D

**Achromatopsia**  
7F7F7F

**Achromatomaly**  
8C7B73

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A2735D 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 #A2735D looks like.

```
.text, #text, p{  
    color:#A2735D  
}
```

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 #A2735D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A2735D
}
```

## Border

The CSS property to change the border of an element to Hex A2735D 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
#A2735D }
```

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

```
.border{ border-color:#A2735D }
```

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

Here you see how a box with a 4 pixel #A2735D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A2735D; -webkit-box-shadow:4px 4px  
4px 4px #A2735D; box-shadow:4px 4px 4px  
4px #A2735D }
```

# Background

The CSS property to change the background color of an element to Hex A2735D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A2735D }
```

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

```
.background{ background-color:#A2735D }
```

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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