

# Converting Colors

Hex(AC736D)

Have a look what the booklet for  
Hex(AC736D) contains.

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# Color

**Hex(AC736D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AC736D
RGB	172, 115, 109
RGB Percent	67%, 45%, 43%
CMY	0.3255, 0.5490, 0.5725
CMYK	0.00, 0.33, 0.37, 0.33
HSL	6°, 28%, 55%
HSV	6°, 37%, 67%
XYZ	25.9043, 22.1363, 17.3754
YIQ	131.3590, 35.8980, 10.2180

# Conversions

## Conversions Part 2

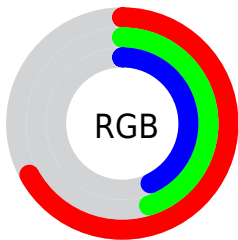
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	172, 116, 109
Decimal	11301741
CIE <sub>Lab</sub>	54.17, 21.71, 12.50
CIE <sub>LCh</sub>	54, 25.057, 29.935
Yxy	22.1363, 0.3960, 0.3384
Android (android.graphics.Color)	4289491821 (0xFFAC736D)
YUV	131.3590, -11.0230, 35.6422
Hunter-Lab	47.0492, 15.9424, 11.0384

# Details

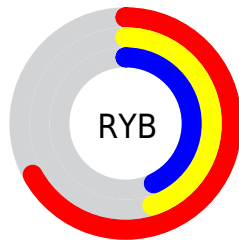
The Hex color **AC736D** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **6DA6AC**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **E5A7A0**, and **76423E** is the 20% darker color. If you saturate the color by 10%, you get **AC635C**, and if you desaturate by 10%, it is **AC837E**.

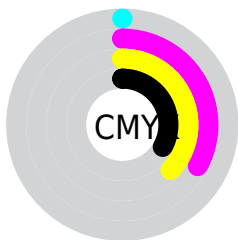
# Distribution



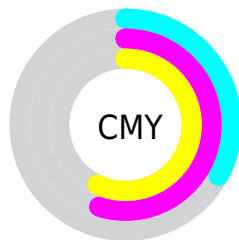
- Red (67%)
- Green (45%)
- Blue (43%)



- Red (67%)
- Yellow (45%)
- Blue (43%)



- Cyan (0%)
- Magenta (33%)
- Yellow (37%)
- Black (33%)



- Cyan (33%)
- Magenta (55%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AC736D 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 AC736D by changing the saturation by 10% instead.



 AC736D

 AC736D

FFFFFF

 915A55

 E5A7A0

 76423E

 FFC3BB

 5C2B28

 FFDFD7

 421513

 FFFCF4

 2B0000

 000000

 AC736D

 AC736D

 AC635C

 AC837E

 AC544B

 AC928F

 AC4439

 ACA2A1

 AC3528

 ACB1B2

 AC2517

 ACC1C3

 AC1606

 ACD0D4

 AC1000

 ACE0E5

 ACEFF7

 ACFFFF

# Harmonies

## Analogous

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



AB7182



AC736D



A2795D

# Triad

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



AC736D



618B6B



6584AC

# Complementary

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



AC736D



6DA6AC

# 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.



4789A6



AC736D



488D81

# Square

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



AC736D



7A875C



3B8D96



847CA7

# Rectangle

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



AC736D



977E57



3B8D96



5A86AC



# Sweetspot

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



AC736D



E0CAC8



AC6DA7



706362



F0F0F0



707070



# Same Dimension

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



AC736D



E0877E



AC926D



574F4E



960E00



170200



# Inverse Universe

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



6DA6AC



7ED7E0



6D87AC



4E5657



008896



001517



# Previews

## White Background



This preview shows how the Hex color AC736D looks on a white background.

## Color Contrast Check

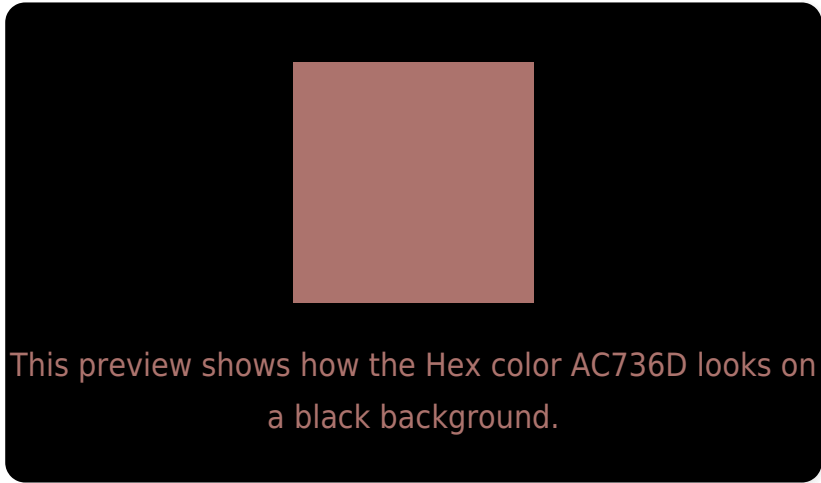
Large Text (above 18pt) WCAG AA ✓ Pass

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 AC736D Background



This preview shows how black text looks on a background with the Hex color AC736D.

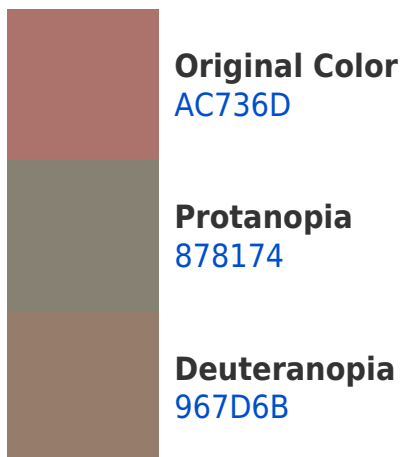


This preview shows how white text looks on a background with the Hex color AC736D.

# 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**  
AD717A

# Trichromacy



**Original Color**  
AC736D

**Protanomaly**  
947C71

**Deuteranomaly**  
9E796C

**Tritanomaly**  
AD7275

# Monochromacy



**Original Color**  
AC736D

**Achromatopsia**  
838383

**Achromatomaly**  
927D7B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AC736D 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 #AC736D looks like.

```
.text, #text, p{  
    color:#AC736D  
}
```

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 #AC736D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC736D
}
```

## Border

The CSS property to change the border of an element to Hex AC736D is called "border". The border property can be set on classes, ids or directly on the HTML element.

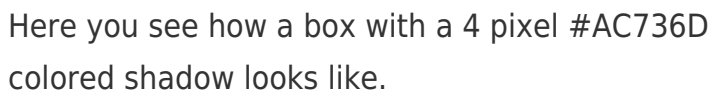
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AC736D }
```

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

```
.border{ border-color:#AC736D }
```

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



Here you see how a box with a 4 pixel `#AC736D` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC736D; -webkit-box-shadow:4px 4px  
4px 4px #AC736D; box-shadow:4px 4px 4px  
4px #AC736D }
```

# Background

The CSS property to change the background color of an element to Hex AC736D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC736D }
```

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

```
.background{ background-color:#AC736D }
```

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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