

# Converting Colors

Hex(AC7286)

Have a look what the booklet for  
Hex(AC7286) contains.

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# Color

**Hex(AC7286)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AC7286
RGB	172, 114, 134
RGB Percent	67%, 45%, 53%
CMY	0.3255, 0.5529, 0.4745
CMYK	0.00, 0.34, 0.22, 0.33
HSL	339°, 26%, 56%
HSV	339°, 34%, 67%
XYZ	27.3336, 22.5265, 25.4617
YIQ	133.6220, 28.1480, 18.5160

# Conversions

## Conversions Part 2

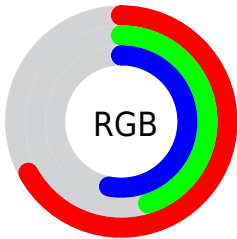
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	172, 114, 134
Decimal	11301510
CIE <sub>Lab</sub>	54.58, 25.80, -1.53
CIE <sub>LCh</sub>	55, 25.848, 356.616
Yxy	22.5265, 0.3629, 0.2991
Android (android.graphics.Color)	4289491590 (0xFFAC7286)
YUV	133.6220, 0.1864, 33.6575
Hunter-Lab	47.4621, 19.7403, 1.4166

# Details

The Hex color **AC7286** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **72AC98**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **E4A7BB**, and **764154** is the 20% darker color. If you saturate the color by 10%, you get **AC617B**, and if you desaturate by 10%, it is **AC8391**.

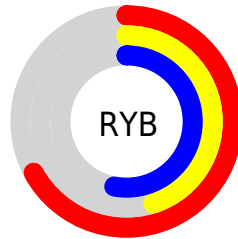
# Distribution



Red (67%)

Green (45%)

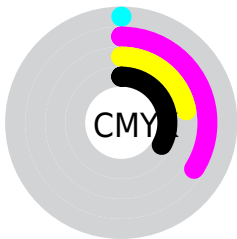
Blue (53%)



Red (67%)

Yellow (45%)

Blue (53%)

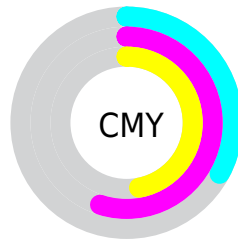


Cyan (0%)

Magenta (34%)

Yellow (22%)

Black (33%)



Cyan (33%)

Magenta (55%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AC7286 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 AC7286 by changing the saturation by 10% instead.



 AC7286

 AC7286

FFFFFF

 91596D

 E4A7BB

 764154

 FFC2D7

 5D2A3D

 FFDEF3

 441328

 FFFBFF

 2D0013

 060000

 000000

 AC7286

 AC7286

 AC617B

 AC8391

 AC506F

 AC949D

 AC3E64

 ACA6A8

 AC2D59

 ACB7B3

 AC1C4E

 ACC8BE

 AC0B42

 ACD9CA

 AC003B

 ACEAD5

 ACFCE0

 ACFFEB

# Harmonies

## Analogous

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



9D769B



AC7286



AF7370

# Triad

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



AC7286



7D875A



428BA7

# Complementary

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



AC7286



72AC98

# 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.



398E96



AC7286



638C69

# Square

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



AC7286



948056



4A8F7F



6185AF

# Rectangle

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



AC7286



AA7663



4A8F7F



3C8DA2



# Sweetspot

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



AC7286



E0CAD2



9872AC



706367



F0F0F0



707070



# Same Dimension

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



AC7286



E087A6



AC7B72



574E51



960034



170008



# Inverse Universe

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



AC7286



E087A6



72A3AC



574E51



960034

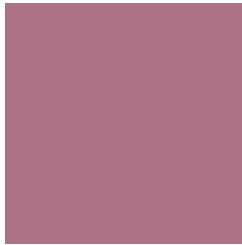


170008



# Previews

## White Background



This preview shows how the Hex color AC7286 looks on a white background.

## Color Contrast Check

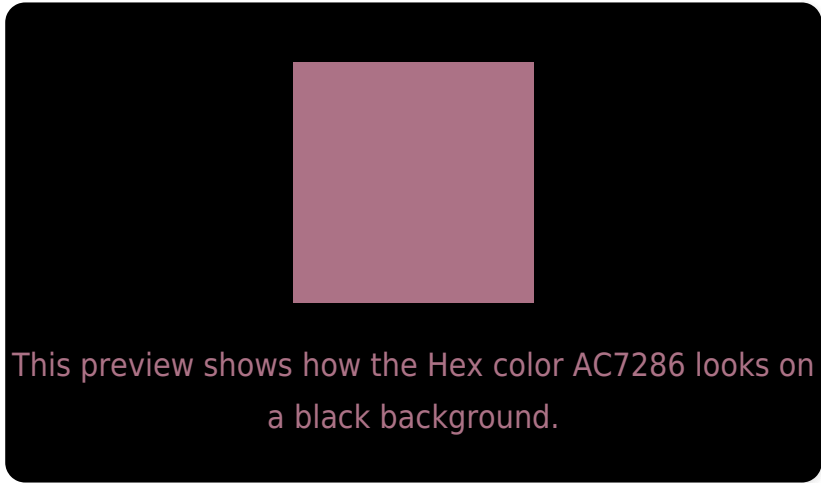
Large Text (above 18pt) WCAG AA ✓ Pass

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 AC7286 Background



This preview shows how black text looks on a background with the Hex color AC7286.



This preview shows how white text looks on a background with the Hex color AC7286.

# 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**  
AC7286

**Protanopia**  
828290

**Deuteranopia**  
8F7F84



**Tritanopia**  
AB747C

# Trichromacy



**Original Color**  
AC7286

**Protanomaly**  
917C8C

**Deuteranomaly**  
9A7A85

**Tritanomaly**  
AB7380

# Monochromacy



**Original Color**  
AC7286

**Achromatopsia**  
868686

**Achromatomaly**  
947F86

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AC7286 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 #AC7286 looks like.

```
.text, #text, p{  
    color:#AC7286  
}
```

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 #AC7286 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC7286
}
```

## Border

The CSS property to change the border of an element to Hex AC7286 is called "border". The border property can be set on classes, ids or directly on the HTML element.

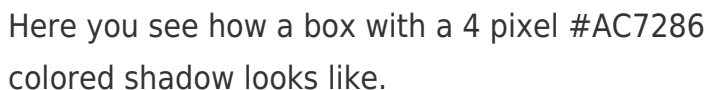
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AC7286 }
```

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

```
.border{ border-color:#AC7286 }
```

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



Here you see how a box with a 4 pixel #AC7286 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC7286; -webkit-box-shadow:4px 4px  
4px 4px #AC7286; box-shadow:4px 4px 4px  
4px #AC7286 }
```

# Background

The CSS property to change the background color of an element to Hex AC7286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC7286 }
```

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

```
.background{ background-color:#AC7286 }
```

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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