

# Converting Colors

Hex(AC7175)

Have a look what the booklet for  
Hex(AC7175) contains.

<b>Hex(AC7175)</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(AC7175)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AC7175
RGB	172, 113, 117
RGB Percent	67%, 44%, 46%
CMY	0.3255, 0.5569, 0.5412
CMYK	0.00, 0.34, 0.32, 0.33
HSL	356°, 26%, 56%
HSV	356°, 34%, 67%
XYZ	26.1293, 21.8653, 19.6729
YIQ	131.0970, 33.8800, 13.7520

# Conversions

## Conversions Part 2

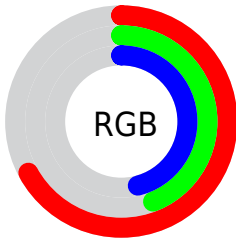
Format	Color
R <sub>Y</sub> B	172, 113, 117
Decimal	11301237
CIE Lab	53.88, 23.89, 7.42
CIE LCh	54, 25.016, 17.262
Yxy	21.8653, 0.3861, 0.3231
Android (android.graphics.Color)	4289491317 (0xFFAC7175)
YUV	131.0970, -6.9498, 35.8719
Hunter-Lab	46.7603, 17.9138, 7.7879

# Details

The Hex color **AC7175** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **71ACA8**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **E5A5A9**, and **764045** is the 20% darker color. If you saturate the color by 10%, you get **AC6065**, and if you desaturate by 10%, it is **AC8285**.

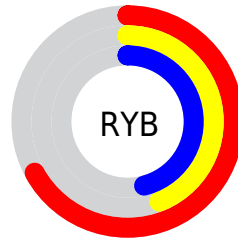
# Distribution



Red (67%)

Green (44%)

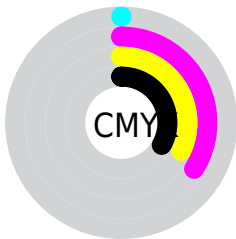
Blue (46%)



Red (67%)

Yellow (44%)

Blue (46%)

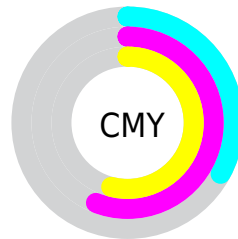


Cyan (0%)

Magenta (34%)

Yellow (32%)

Black (33%)



Cyan (33%)

Magenta (56%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AC7175 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 AC7175 by changing the saturation by 10% instead.



 AC7175

 AC7175

FFFFFF

 91585C

 E5A5A9

 764045

 FFC1C4

 5C292F

 FFDDE0

 43131A

 FFF9FD

 2D0000

 000000

 AC7175

 AC7175

 AC6065

 AC8285

 AC4F55

 AC9395

 AC3D45

 ACA5A5

 AC2C35

 ACB6B5

 AC1B25

 ACC7C5

 AC0A15

 ACD8D5

 AC000C

 ACE9E5

 ACFBF5

 ACFFFF

# Harmonies

## Analogous

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



A6728B



AC7175



A77562

# Triad

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



AC7175



6B8963



5786AA

# Complementary

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



AC7175



71ACA8

# 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.



3E8AA0



AC7175



528C77

# Square

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



AC7175



838357



3E8D8D



777FAA

# Rectangle

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



AC7175



9E7A5A



3E8D8D



4D88A8



# Sweetspot

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



AC7175



E0CACB



A771AC



706364



F0F0F0



707070



# Same Dimension

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



AC7175



E0848B



AC8A71



574E4F



96000A



170002



# Inverse Universe

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



AC7175



E0848B



7193AC



574E4F



96000A

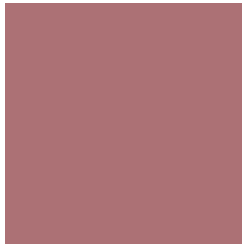


170002



# Previews

## White Background



This preview shows how the Hex color AC7175 looks on a white background.

## Color Contrast Check

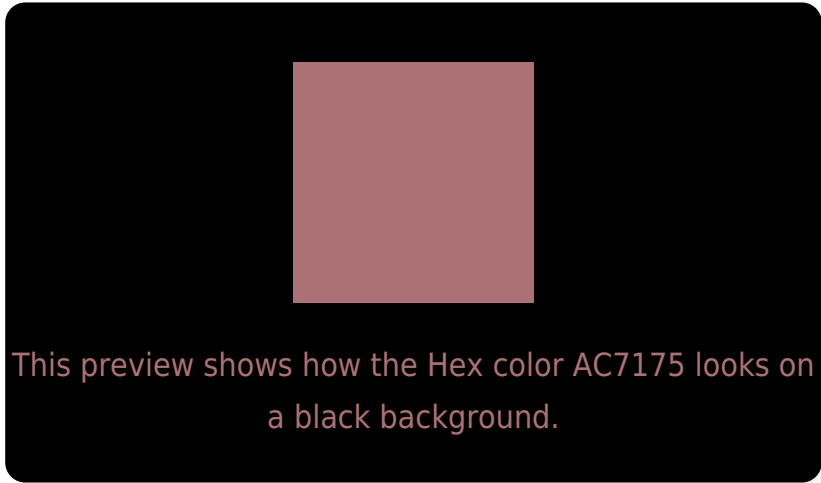
Large Text (above 18pt) WCAG AA ✓ Pass

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 AC7175 Background



This preview shows how black text looks on a background with the Hex color AC7175.

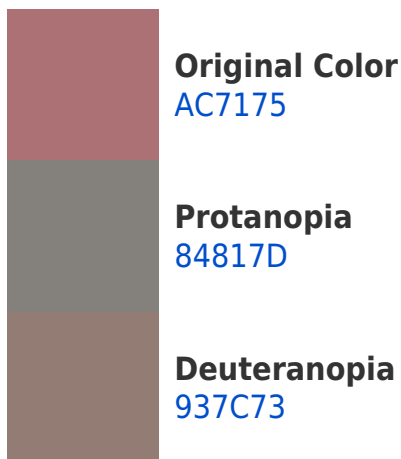


This preview shows how white text looks on a background with the Hex color AC7175.

# 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





# Trichromacy



**Original Color**  
AC7175

**Protanomaly**  
937B7A

**Deuteranomaly**  
9C7874

**Tritanomaly**  
AC7078

# Monochromacy



**Original Color**  
AC7175

**Achromatopsia**  
838383

**Achromatomaly**  
927C7E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AC7175 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 #AC7175 looks like.

```
.text, #text, p{  
    color:#AC7175  
}
```

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 #AC7175 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC7175  
}
```

## Border

The CSS property to change the border of an element to Hex AC7175 is called "border". The border property can be set on classes, ids or directly on the HTML element.

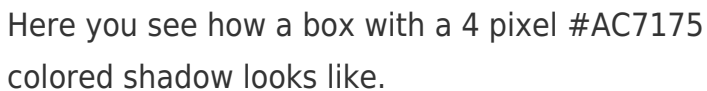
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#AC7175 }
```

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

```
.border{ border-color:#AC7175 }
```

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



Here you see how a box with a 4 pixel `#AC7175` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC7175; -webkit-box-shadow:4px 4px  
4px 4px #AC7175; box-shadow:4px 4px 4px  
4px #AC7175 }
```

# Background

The CSS property to change the background color of an element to Hex AC7175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC7175 }
```

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

```
.background{ background-color:#AC7175 }
```

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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