

# Converting Colors

Hex(AC7658)

Have a look what the booklet for  
Hex(AC7658) contains.

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**Color**

**Hex(AC7658)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AC7658
RGB	172, 118, 88
RGB Percent	67%, 46%, 35%
CMY	0.3255, 0.5373, 0.6549
CMYK	0.00, 0.31, 0.49, 0.33
HSL	21°, 34%, 51%
HSV	21°, 49%, 67%
XYZ	25.2531, 22.4321, 12.2314
YIQ	130.7260, 41.8140, 2.1180

# Conversions

## Conversions Part 2

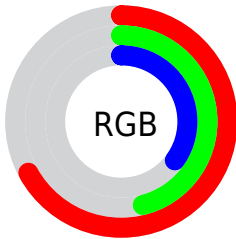
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	172, 135, 88
Decimal	11302488
CIE Lab	54.48, 17.63, 25.02
CIE LCh	54, 30.609, 54.825
Yxy	22.4321, 0.4215, 0.3744
Android (android.graphics.Color)	4289492568 (0xFFAC7658)
YUV	130.7260, -21.0639, 36.1973
Hunter-Lab	47.3625, 12.2896, 17.8422

# Details

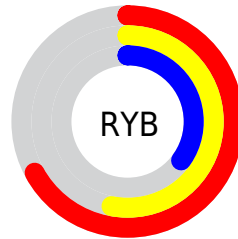
The Hex color **AC7658** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **588EAC**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **E5AA8A**, and **75452A** is the 20% darker color. If you saturate the color by 10%, you get **AC6B47**, and if you desaturate by 10%, it is **AC8169**.

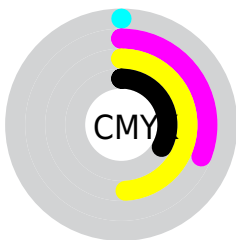
# Distribution



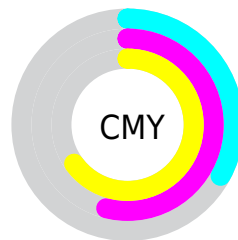
- Red (67%)
- Green (46%)
- Blue (35%)



- Red (67%)
- Yellow (53%)
- Blue (35%)



- Cyan (0%)
- Magenta (31%)
- Yellow (49%)
- Black (33%)



- Cyan (33%)
- Magenta (54%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AC7658 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 AC7658 by changing the saturation by 10% instead.



 AC7658

 AC7658

FFFFFF

 905D40

 E5AA8A

 75452A

 FFC6A5

 5A2F15

 FFE2C0

 411900

 FFFFDC

 280200

 FFFFF8

 000000

 AC7658

 AC7658

 AC6B47

 AC8169

 AC6036

 AC8C7A

■ AC5524

■ AC978C

■ AC4A13

■ ACA29D

■ AC3F02

■ ACADAE

■ AC3D00

■ ACB8BF

■ ACC3D0

■ ACCEE2

■ ACDAF3

# Harmonies

## Analogous

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



B66F6D



AC7658



987F4D

# Triad

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



AC7658



3C907D



7F7DB2

# Complementary

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



AC7658



588EAC

# 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.



5486B7



AC7658



179098

# Square

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



AC7658



5E8D63



268DAD



9F74A1

# Rectangle

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



AC7658



87854E



268DAD



7280B5



# Sweetspot

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



AC7658



E0CBBF



AC588F



70635C



F0F0F0



707070



# Same Dimension

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



AC7658



E08B5C



AC9F58



57514E



963600



170800



# Inverse Universe

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



588EAC



5CB1E0



5865AC



4E5457



006196



000F17



# Previews

## White Background



This preview shows how the Hex color AC7658 looks on a white background.

## Color Contrast Check

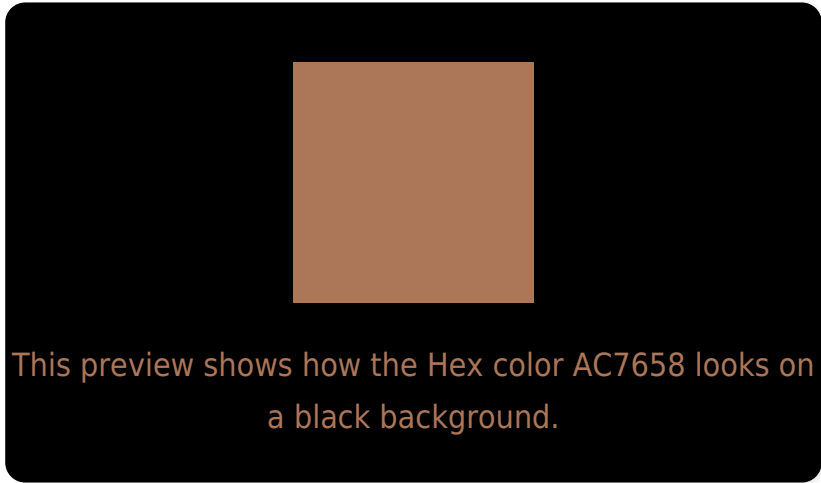
Large Text (above 18pt) WCAG AA ✓ Pass

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

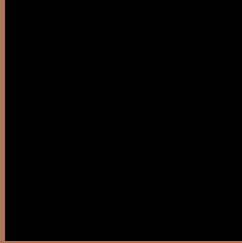
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex AC7658 Background



This preview shows how black text looks on a background with the Hex color AC7658.



This preview shows how white text looks on a background with the Hex color AC7658.

# 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](#).

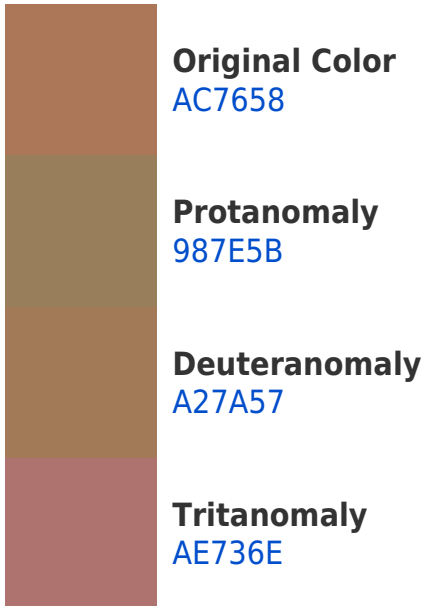
## Dichromacy





**Tritanopia**  
AF717A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AC7658 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 #AC7658 looks like.

```
.text, #text, p{  
    color:#AC7658  
}
```

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 #AC7658 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC7658  
}
```

## Border

The CSS property to change the border of an element to Hex AC7658 is called "border". The border property can be set on classes, ids or directly on the HTML element.

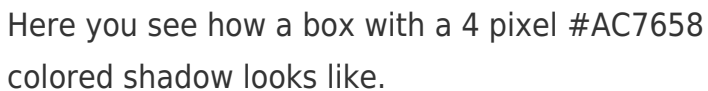
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#AC7658 }
```

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

```
.border{ border-color:#AC7658 }
```

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



Here you see how a box with a 4 pixel #AC7658 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC7658; -webkit-box-shadow:4px 4px  
4px 4px #AC7658; box-shadow:4px 4px 4px  
4px #AC7658 }
```

# Background

The CSS property to change the background color of an element to Hex AC7658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC7658 }
```

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

```
.background{ background-color:#AC7658 }
```

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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