

# Converting Colors

Hex(A5967C)

Have a look what the booklet for  
Hex(A5967C) contains.

<b>Hex(A5967C)</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(A5967C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A5967C
RGB	165, 150, 124
RGB Percent	65%, 59%, 49%
CMY	0.3529, 0.4118, 0.5137
CMYK	0.00, 0.09, 0.25, 0.35
HSL	38°, 19%, 57%
HSV	38°, 25%, 65%
XYZ	30.0615, 31.2673, 23.5196
YIQ	151.5210, 17.2860, -4.9060

# Conversions

## Conversions Part 2

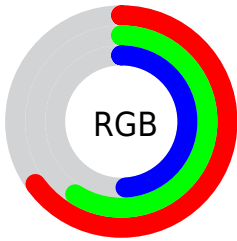
<b>Format</b>	<b>Color</b>
<b>RYB</b>	148, 165, 124
Decimal	10851964
CIELab	62.73, 1.30, 15.74
CIELCh	63, 15.798, 85.279
Yxy	31.2673, 0.3543, 0.3685
Android (android.graphics.Color)	4289042044 (0xFFA5967C)
YUV	151.5210, -13.5679, 11.8211
Hunter-Lab	55.9171, -1.8920, 14.2038

# Details

The Hex color **A5967C** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **7C8BA5**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **DCCCB1**, and **71634B** is the 20% darker color. If you saturate the color by 10%, you get **A5906B**, and if you desaturate by 10%, it is **A59C8C**.

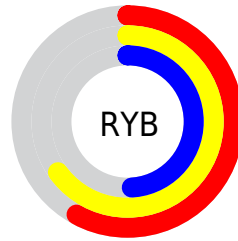
# Distribution



Red (65%)

Green (59%)

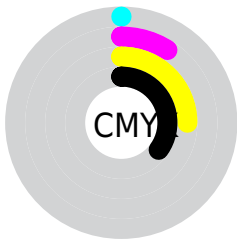
Blue (49%)



Red (58%)

Yellow (65%)

Blue (49%)

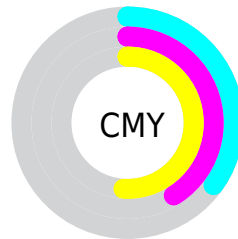


Cyan (0%)

Magenta (9%)

Yellow (25%)

Black (35%)



Cyan (35%)

Magenta (41%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A5967C 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 A5967C by changing the saturation by 10% instead.




 A5967C

 A5967C

FFFFFF

 8A7C63

 DCCCB1

 71634B

 F9E8CC

 584C34

 FFFFE8

 40351F

 2A2008

 110900

 000000

 A5967C

 A5967C

 A5906B

 A59C8C

 A58A5B

 A5A29D

 A5844A

 A5A8AD

 A57E3A

 A5AEBE

 A5782A

 A5B4CE

 A57219

 A5BADF

 A56C08

 A5C0EF

 A56900

 A5C6FF

 A5CCFF

# Harmonies

## Analogous

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



B09281



A5967C



969B7E

# Triad

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



A5967C



72A0A3



A891A8

# Complementary

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



A5967C



7C8BA5

# 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.



9895B1



A5967C



779DAE

# Square

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



A5967C



79A095



859AB3



B38E9B

# Rectangle

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



A5967C



8B9D84



859AB3



A392AC



# Sweetspot

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



A5967C



D6D1C7



A57C8B



6B6863



EBEBEB



6B6B6B



# Same Dimension

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



A5967C



D6BF96



A0A57C



524F49



915C00



120B00



# Inverse Universe

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



7C8BA5



96ADD6



817CA5



494C52



003591

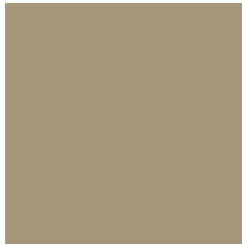


000712



# Previews

## White Background



This preview shows how the Hex color A5967C looks on a white background.

## Color Contrast Check

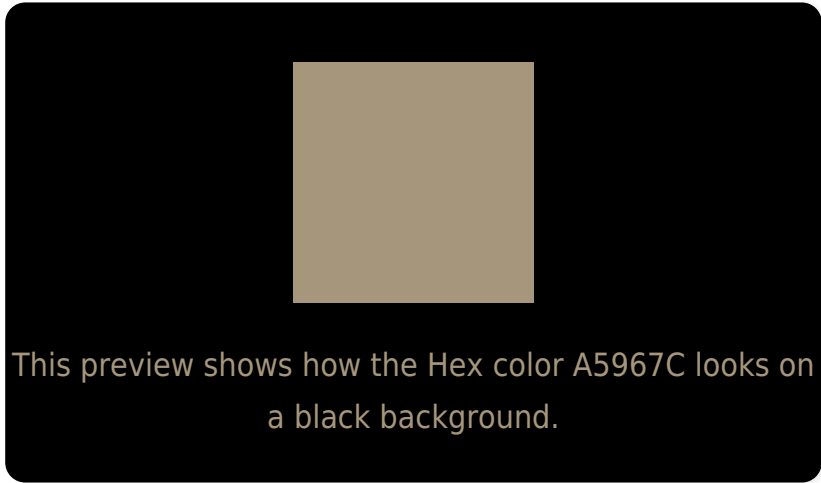
Large Text (above 18pt) WCAG AA × Fail

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

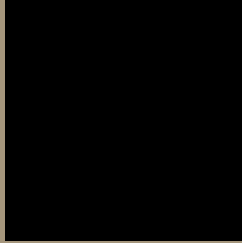
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A5967C Background



This preview shows how black text looks on a background with the Hex color A5967C.



This preview shows how white text looks on a background with the Hex color A5967C.

# 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**  
A5967C

**Protanopia**  
A1977D

**Deuteranopia**  
B0927D



**Tritanopia**  
A9919D

# Trichromacy



**Original Color**  
A5967C

**Protanomaly**  
A2977D

**Deuteranomaly**  
AC937D

**Tritanomaly**  
A89391

# Monochromacy



**Original Color**  
A5967C

**Achromatopsia**  
989898

**Achromatomaly**  
9D978E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A5967C 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 #A5967C looks like.

```
.text, #text, p{  
    color:#A5967C  
}
```

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 #A5967C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A5967C
}
```

## Border

The CSS property to change the border of an element to Hex A5967C 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
#A5967C }
```

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

```
.border{ border-color:#A5967C }
```

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

Here you see how a box with a 4 pixel #A5967C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A5967C; -webkit-box-shadow:4px 4px  
4px 4px #A5967C; box-shadow:4px 4px 4px  
4px #A5967C }
```

# Background

The CSS property to change the background color of an element to Hex A5967C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A5967C }
```

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

```
.background{ background-color:#A5967C }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor