

# Converting Colors

Hex(A06C77)

Have a look what the booklet for  
Hex(A06C77) contains.

<b>Hex(A06C77)</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(A06C77)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A06C77
RGB	160, 108, 119
RGB Percent	63%, 42%, 47%
CMY	0.3725, 0.5765, 0.5333
CMYK	0.00, 0.32, 0.26, 0.37
HSL	347°, 21%, 53%
HSV	347°, 32%, 63%
XYZ	23.1895, 19.5306, 20.0003
YIQ	124.8020, 27.4610, 14.4450

# Conversions

## Conversions Part 2

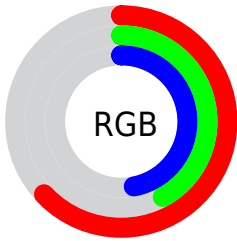
<b>Format</b>	<b>Color</b>
<b>RYB</b>	160, 108, 119
Decimal	10513527
CIELab	51.30, 22.34, 2.35
CIELCh	51, 22.458, 6.002
Yxy	19.5306, 0.3697, 0.3114
Android (android.graphics.Color)	4288703607 (0xFFA06C77)
YUV	124.8020, -2.8604, 30.8686
Hunter-Lab	44.1935, 16.3254, 4.1030

# Details

The Hex color **A06C77** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **6CA095**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **D8A0AB**, and **6B3C47** is the 20% darker color. If you saturate the color by 10%, you get **A05C6A**, and if you desaturate by 10%, it is **A07C84**.

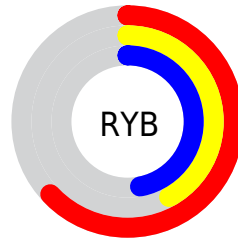
# Distribution



Red (63%)

Green (42%)

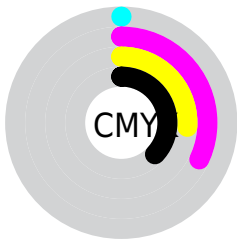
Blue (47%)



Red (63%)

Yellow (42%)

Blue (47%)

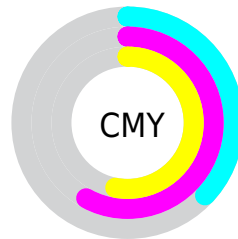


Cyan (0%)

Magenta (32%)

Yellow (26%)

Black (37%)



Cyan (37%)

Magenta (58%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A06C77 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 A06C77 by changing the saturation by 10% instead.





A06C77



A06C77

FFFFFF



85535E



D8A0AB



6B3C47



F5BBC6



522530



FFD7E2



390F1C



FFF4FF



270000



000000



A06C77



A06C77



A05C6A



A07C84



A04C5E



A08C90

 A03C51

 A09C9D

 A02C45

 A0ACA9

 A01C38

 A0BCB6

 A00C2B

 A0CCC3

 A00022

 A0DCCF

 A0ECDC

 A0FCE9

# Harmonies

## Analogous

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



966E8A



A06C77



9F6E65

# Triad

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



A06C77



6F805B



4D809D

# Complementary

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



A06C77



6CA095

# 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.



3E8490



A06C77



59846A

# Square

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



A06C77



847A54



45857E



677BA0

# Rectangle

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



A06C77



99725B



45857E



468299



# Sweetspot

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



A06C77



D1BCC1



956CA0



695C5F



E8E8E8



696969



# Same Dimension

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



A06C77



D18091



A07B6C



4F4749



8F001E



0F0003



# Inverse Universe

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



A06C77



D18091



6C91A0



4F4749



8F001E

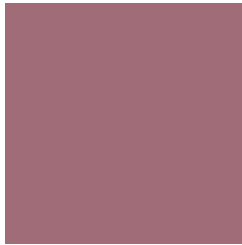


0F0003



# Previews

## White Background



This preview shows how the Hex color A06C77 looks on a white background.

## Color Contrast Check

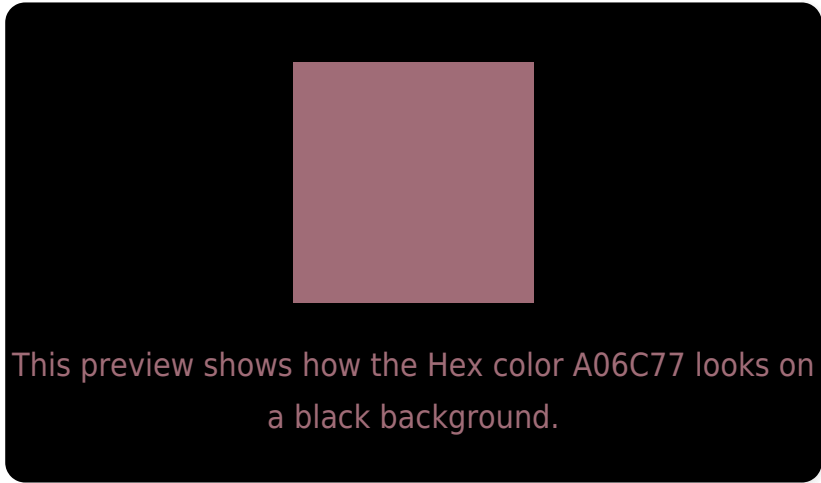
Large Text (above 18pt) WCAG AA ✓ Pass

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

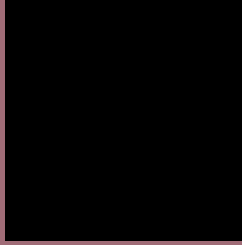
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A06C77 Background



This preview shows how black text looks on a background with the Hex color A06C77.

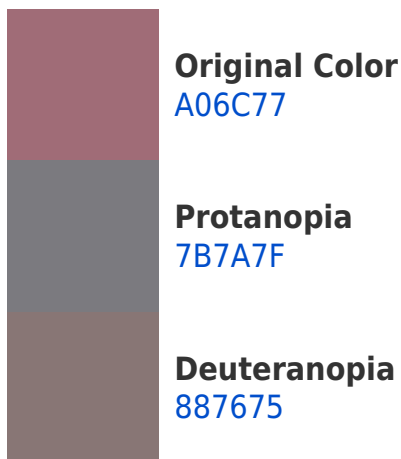



This preview shows how white text looks on a background with the Hex color A06C77.

# 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**  
A06C75

# Trichromacy



**Original Color**  
A06C77

**Protanomaly**  
88757C

**Deuteranomaly**  
917276

**Tritanomaly**  
A06C76

# Monochromacy



**Original Color**  
A06C77

**Achromatopsia**  
7D7D7D

**Achromatomaly**  
8A777B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A06C77 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 #A06C77 looks like.

```
.text, #text, p{  
    color:#A06C77  
}
```

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 #A06C77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A06C77
}
```

## Border

The CSS property to change the border of an element to Hex A06C77 is called "border". The border property can be set on classes, ids or directly on the HTML element.

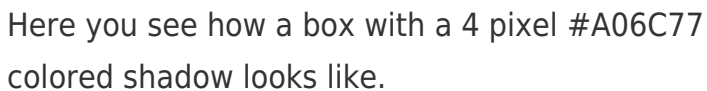
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A06C77 }
```

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

```
.border{ border-color:#A06C77 }
```

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



Here you see how a box with a 4 pixel `#A06C77` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A06C77; -webkit-box-shadow:4px 4px  
4px 4px #A06C77; box-shadow:4px 4px 4px  
4px #A06C77 }
```

# Background

The CSS property to change the background color of an element to Hex A06C77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A06C77 }
```

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

```
.background{ background-color:#A06C77 }
```

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