

# Converting Colors

Hex(A6707E)

Have a look what the booklet for  
Hex(A6707E) contains.

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**Color**

**Hex(A6707E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A6707E
RGB	166, 112, 126
RGB Percent	65%, 44%, 49%
CMY	0.3490, 0.5608, 0.5059
CMYK	0.00, 0.33, 0.24, 0.35
HSL	344°, 23%, 55%
HSV	344°, 33%, 65%
XYZ	25.2860, 21.2017, 22.4983
YIQ	129.7420, 27.6900, 15.8020

# Conversions

## Conversions Part 2

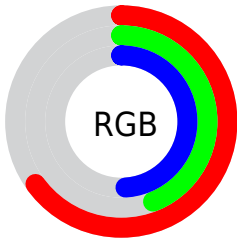
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	166, 112, 126
Decimal	10907774
CIE <sub>Lab</sub>	53.17, 23.43, 1.02
CIE <sub>LCh</sub>	53, 23.454, 2.490
Yxy	21.2017, 0.3665, 0.3073
Android (android.graphics.Color)	4289097854 (0xFFA6707E)
YUV	129.7420, -1.8448, 31.7983
Hunter-Lab	46.0453, 17.4447, 3.2619

# Details

The Hex color **A6707E** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **70A698**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **DEA4B3**, and **713F4D** is the 20% darker color. If you saturate the color by 10%, you get **A65F72**, and if you desaturate by 10%, it is **A6818A**.

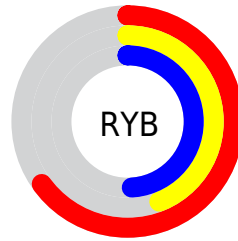
# Distribution



Red (65%)

Green (44%)

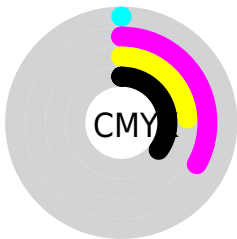
Blue (49%)



Red (65%)

Yellow (44%)

Blue (49%)

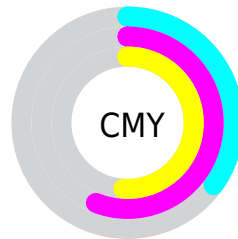


Cyan (0%)

Magenta (33%)

Yellow (24%)

Black (35%)



Cyan (35%)

Magenta (56%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A6707E 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 A6707E by changing the saturation by 10% instead.




 A6707E

 A6707E

FFFFFF

 8B5765

 DEA4B3

 713F4D

 FBC0CE

 572836

 FFDCEA

 3F1221

 FFF8FF

 29000A

 000000

 A6707E

 A6707E

 A65F72

 A6818A

 A64F65

 A69197

 A63E59

 A6A2A3

 A62E4D

 A6B2AF

 A61D41

 A6C3BB

 A60C34

 A6D4C8

 A6002B

 A6E4D4

 A6F5E0

 A6FFED

# Harmonies

## Analogous

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



9A7392



A6707E



A6726A

# Triad

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



A6707E



76845C



4C86A2

# Complementary

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



A6707E



70A698

# 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.



3F8994



A6707E



5F886C

# Square

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



A6707E



8C7E57



498A80



6780A7

# Rectangle

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



A6707E



A17560



498A80



45879E



# Sweetspot

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



A6707E



D9C3C9



9870A6



6E6064



EDEDED



6E6E6E



# Same Dimension

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



A6707E



D9849A



A67D70



544C4E



940026



140005



# Inverse Universe

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



A6707E



D9849A



7099A6



544C4E



940026

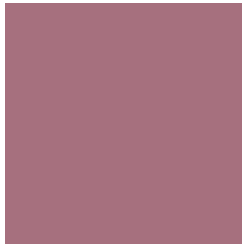


140005



# Previews

## White Background



This preview shows how the Hex color A6707E looks on a white background.

## Color Contrast Check

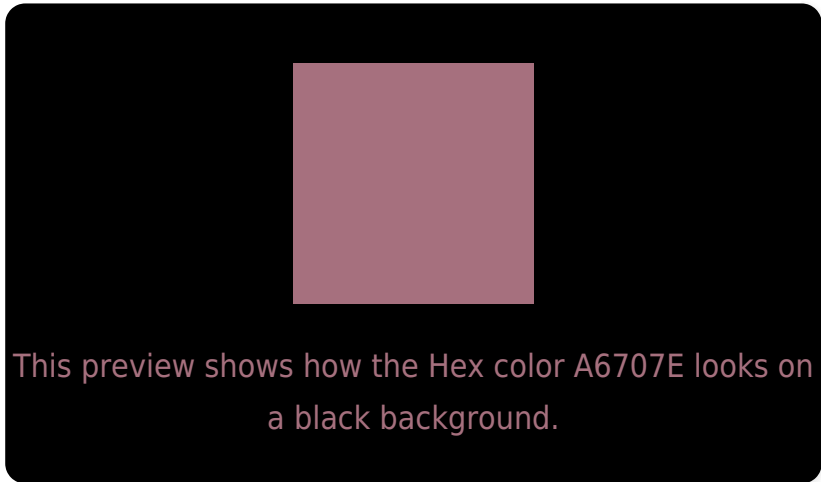
Large Text (above 18pt) WCAG AA ✓ Pass

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

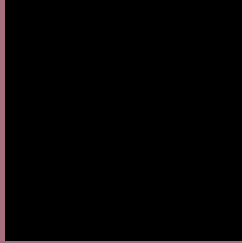
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A6707E Background



This preview shows how black text looks on a background with the Hex color A6707E.



This preview shows how white text looks on a background with the Hex color A6707E.

# 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**  
A6707E

**Protanopia**  
7F7F87

**Deuteranopia**  
8D7B7C



**Tritanopia**  
A67179

# Trichromacy



**Original Color**  
A6707E

**Protanomaly**  
8D7A84

**Deuteranomaly**  
96777D

**Tritanomaly**  
A6717B

# Monochromacy



**Original Color**  
A6707E

**Achromatopsia**  
828282

**Achromatomaly**  
8F7B81

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A6707E 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 #A6707E looks like.

```
.text, #text, p{  
    color:#A6707E  
}
```

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 #A6707E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6707E
}
```

## Border

The CSS property to change the border of an element to Hex A6707E is called "border". The border property can be set on classes, ids or directly on the HTML element.

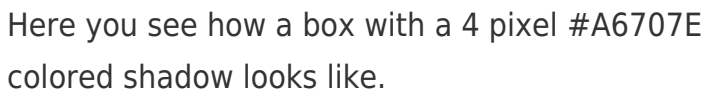
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A6707E }
```

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

```
.border{ border-color:#A6707E }
```

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



Here you see how a box with a 4 pixel `#A6707E` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6707E; -webkit-box-shadow:4px 4px  
4px 4px #A6707E; box-shadow:4px 4px 4px  
4px #A6707E }
```

# Background

The CSS property to change the background color of an element to Hex A6707E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6707E }
```

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

```
.background{ background-color:#A6707E }
```

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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