

Converting Colors

Hex(A6766C)

Have a look what the booklet for
Hex(A6766C) contains.

Hex(A6766C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(A6766C)

Conversions

Conversions Part 1

Format	Color
Hex	A6766C
RGB	166, 118, 108
RGB Percent	65%, 46%, 42%
CMY	0.3490, 0.5373, 0.5765
CMYK	0.00, 0.29, 0.35, 0.35
HSL	10°, 25%, 54%
HSV	10°, 35%, 65%
XYZ	24.9111, 22.1466, 17.1491
YIQ	131.2120, 31.8180, 7.0660

Conversions

Conversions Part 2

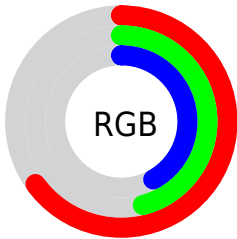
Format	Color
R_{YB}	166, 120, 108
Decimal	10909292
CIE _{Lab}	54.18, 17.47, 13.00
CIE _{LCh}	54, 21.773, 36.645
Yxy	22.1466, 0.3880, 0.3449
Android (android.graphics.Color)	4289099372 (0xFFA6766C)
YUV	131.2120, -11.4435, 30.5091
Hunter-Lab	47.0601, 12.1330, 11.3363

Details

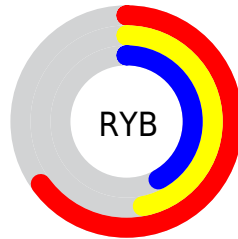
The Hex color **A6766C** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **6C9CA6**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **DEAA9F**, and **70453D** is the 20% darker color. If you saturate the color by 10%, you get **A6685B**, and if you desaturate by 10%, it is **A6847D**.

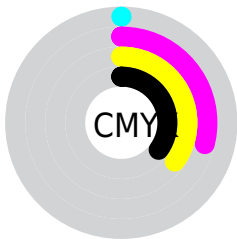
Distribution



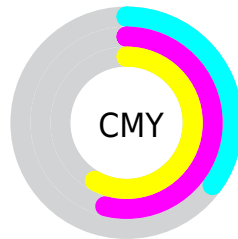
- Red (65%)
- Green (46%)
- Blue (42%)



- Red (65%)
- Yellow (47%)
- Blue (42%)



- Cyan (0%)
- Magenta (29%)
- Yellow (35%)
- Black (35%)



- Cyan (35%)
- Magenta (54%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color A6766C 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 A6766C by changing the saturation by 10% instead.

 A6766C

 A6766C

FFFFFF

 8B5D54

 DEAA9F

 70453D

 FBC6BA

 572F27

 FFE2D6

 3E1912

 FFFFF2

 280100

 000000

 A6766C

 A6766C

 A6685B

 A6847D

 A65B4B

 A6918D

 A64D3A

 A69F9E

 A63F2A

 A6ADAE

 A63119

 A6BBBF

 A62408

 A6C8D0

 A61D00

 A6D6E0

 A6E4F1

 A6F2FF

Harmonies

Analogous

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



A7747E



A6766C



9C7B60

Triad

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



A6766C



618B72



7082A7

Complementary

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



A6766C



6C9CA6

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.



5788A4



A6766C



4F8C85

Square

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



A6766C



768763



498B97



8A7BA0

Rectangle

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



A6766C



91805C



498B97



6784A7

Sweetspot

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



A6766C



D9C7C3



A66C9C



6E6360



EDEDED



6E6E6E

Same Dimension

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



A6766C



D98D7E



A6936C



544D4C



941A00



140400

Inverse Universe

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



6C9CA6



7EC9D9



6C7FA6



4C5354



007A94



001114

Previews

White Background



This preview shows how the Hex color A6766C looks on a white background.

Color Contrast Check

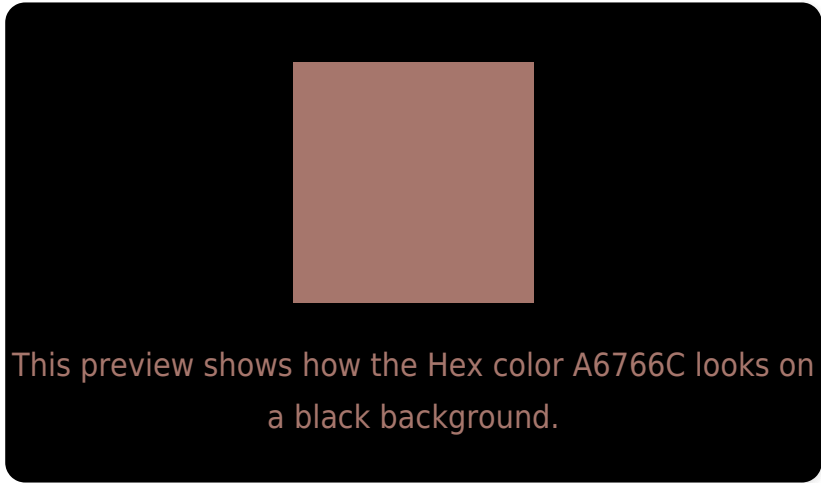
Large Text (above 18pt) WCAG AA ✓ Pass

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 A6766C Background



This preview shows how black text looks on a background with the Hex color A6766C.

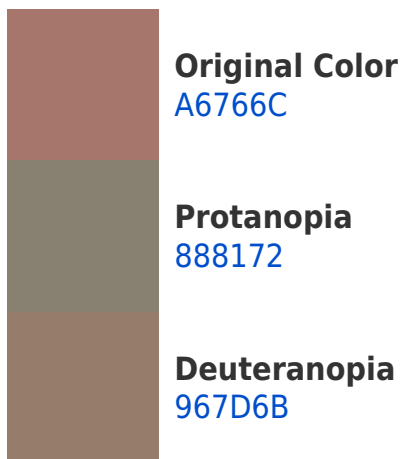


This preview shows how white text looks on a background with the Hex color A6766C.

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
A8747C

Trichromacy



Original Color
A6766C

Protanomaly
937D70

Deuteranomaly
9C7A6B

Tritanomaly
A77576

Monochromacy



Original Color
A6766C

Achromatopsia
838383

Achromatomaly
907E7B

CSS Examples

Text

The CSS property to change the color of the text to Hex A6766C 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 #A6766C looks like.

```
.text, #text, p{  
    color:#A6766C  
}
```

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 #A6766C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6766C
}
```

Border

The CSS property to change the border of an element to Hex A6766C is called "border". The border property can be set on classes, ids or directly on the HTML element.

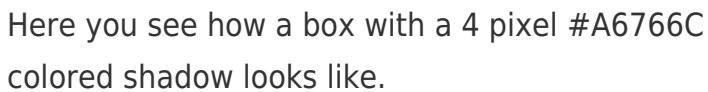
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A6766C }
```

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

```
.border{ border-color:#A6766C }
```

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



Here you see how a box with a 4 pixel #A6766C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6766C; -webkit-box-shadow:4px 4px  
4px 4px #A6766C; box-shadow:4px 4px 4px  
4px #A6766C }
```

Background

The CSS property to change the background color of an element to Hex A6766C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6766C }
```

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

```
.background{ background-color:#A6766C }
```

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