

Converting Colors

Hex(A6A77B)

Have a look what the booklet for
Hex(A6A77B) contains.

Hex(A6A77B)	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(A6A77B)

Conversions

Conversions Part 1

Format	Color
Hex	A6A77B
RGB	166, 167, 123
RGB Percent	65%, 65%, 48%
CMY	0.3490, 0.3451, 0.5176
CMYK	0.01, 0.00, 0.26, 0.35
HSL	61°, 20%, 57%
HSV	61°, 26%, 65%
XYZ	33.1198, 37.1745, 24.1687
YIQ	161.6850, 13.5280, -13.8960

Conversions

Conversions Part 2

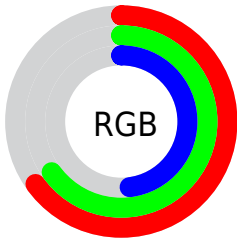
Format	Color
RYB	123, 167, 124
Decimal	10921851
CIELab	67.41, -7.67, 22.71
CIELCh	67, 23.971, 108.661
Yxy	37.1745, 0.3506, 0.3935
Android (android.graphics.Color)	4289111931 (0xFFA6A77B)
YUV	161.6850, -19.0717, 3.7843
Hunter-Lab	60.9709, -9.7368, 19.1772

Details

The Hex color **A6A77B** is a light color, and the websafe version is hex **999966**. A complement of this color would be **7C7BA7**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **DDDEB0**, and **72734A** is the 20% darker color. If you saturate the color by 10%, you get **A6A76A**, and if you desaturate by 10%, it is **A6A78C**.

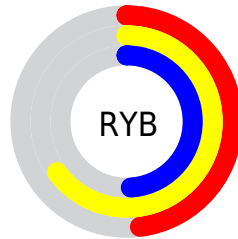
Distribution



Red (65%)

Green (65%)

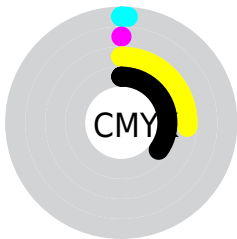
Blue (48%)



Red (48%)

Yellow (65%)

Blue (49%)

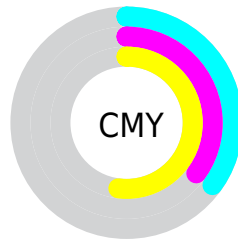


Cyan (1%)

Magenta (0%)

Yellow (26%)

Black (35%)



Cyan (35%)

Magenta (35%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color A6A77B 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 A6A77B by changing the saturation by 10% instead.



A6A77B



A6A77B

FFFFFF



8B8D62



DDDEB0



72734A



FAFBCB



595B33



FFFFE8



41431D



2A2D05



131900



000000



A6A77B



A6A77B



A6A76A



A6A78C

 A5A75A

 A7A79C

 A5A749

 A7A7AD

 A4A738

 A8A7BE

 A4A727

 A8A7CF

 A4A717

 A8A7DF

 A3A706

 A9A7F0

 A3A700

 A9A7FF

Harmonies

Analogous

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



BCA07A



A6A77B



8DAD87

Triad

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



A6A77B



69AEC4



CA95AD

Complementary

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



A6A77B



7C7BA7

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.



B89AC1



A6A77B



7FA9CE

Square

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



A6A77B



66B0B1



9DA1CD



D09597

Rectangle

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



A6A77B



7DAF94



9DA1CD



C596B4

Sweetspot

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



A6A77B



D8D9C7



A77C7B



6D6E63



EDEDED



6E6E6E

Same Dimension

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



A6A77B



D7D993



90A77B



54544C



919400



141400

Inverse Universe

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



7C7BA7



9593D9



927BA7



4C4C54



030094



000014

Previews

White Background



This preview shows how the Hex color A6A77B looks on a white background.

Color Contrast Check

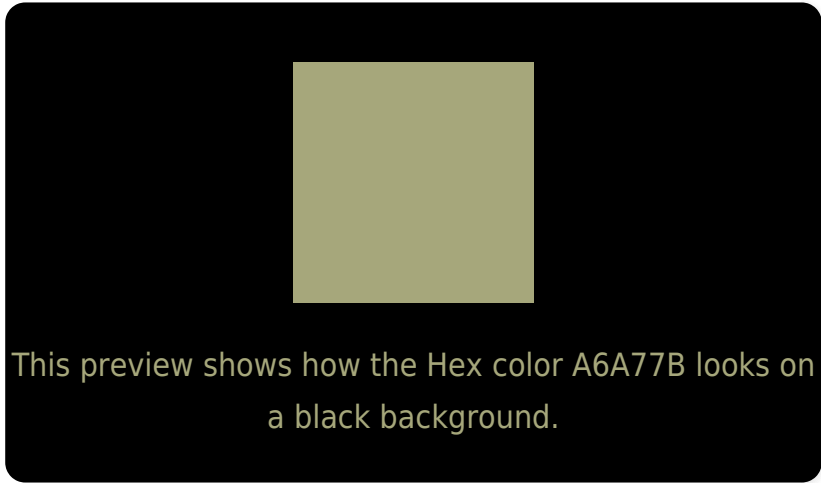
Large Text (above 18pt) WCAG AA × Fail

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

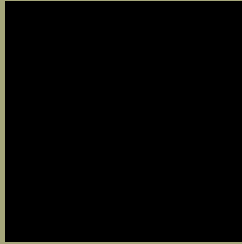
Any Text WCAG AA ✓ Pass

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 A6A77B Background



This preview shows how black text looks on a background with the Hex color A6A77B.

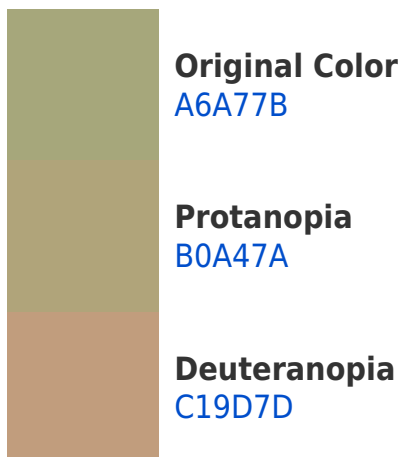


This preview shows how white text looks on a background with the Hex color A6A77B.

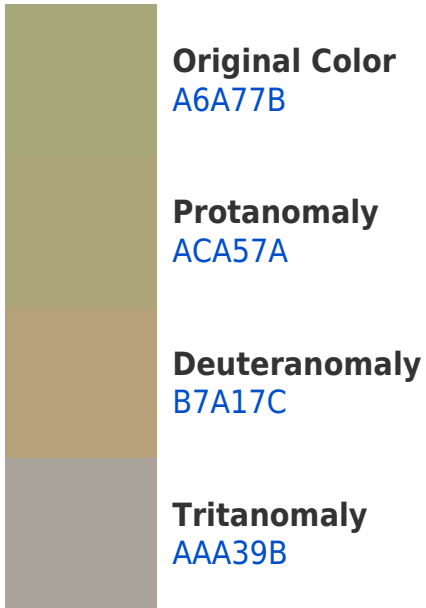
Color Blindness Simulation

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](#).

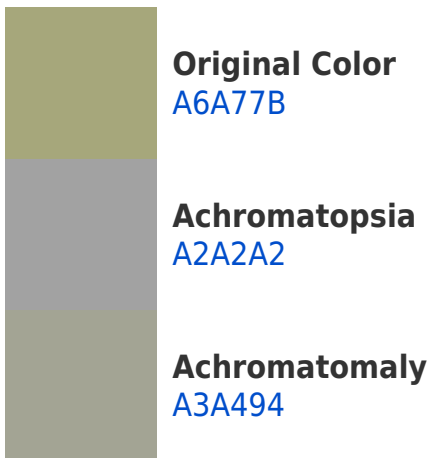
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A6A77B 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 #A6A77B looks like.

```
.text, #text, p{  
    color:#A6A77B  
}
```

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 #A6A77B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6A77B
}
```

Border

The CSS property to change the border of an element to Hex A6A77B 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
#A6A77B }
```

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

```
.border{ border-color:#A6A77B }
```

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

Here you see how a box with a 4 pixel #A6A77B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6A77B; -webkit-box-shadow:4px 4px  
4px 4px #A6A77B; box-shadow:4px 4px 4px  
4px #A6A77B }
```

Background

The CSS property to change the background color of an element to Hex A6A77B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6A77B }
```

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

```
.background{ background-color:#A6A77B }
```

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