

# Converting Colors

Hex(A6C67B)

Have a look what the booklet for  
Hex(A6C67B) contains.

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# Color

**Hex(A6C67B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A6C67B
RGB	166, 198, 123
RGB Percent	65%, 78%, 48%
CMY	0.3490, 0.2235, 0.5176
CMYK	0.16, 0.00, 0.38, 0.22
HSL	86°, 40%, 63%
HSV	86°, 38%, 78%
XYZ	39.4951, 49.9252, 26.2938
YIQ	179.8820, 5.0030, -30.1090

# Conversions

## Conversions Part 2

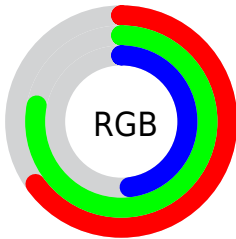
<b>Format</b>	<b>Color</b>
<b>RYB</b>	123, 198, 155
Decimal	10929787
CIELab	76.02, -23.54, 34.12
CIELCh	76, 41.449, 124.607
Yxy	49.9252, 0.3413, 0.4315
Android (android.graphics.Color)	4289119867 (0xFFA6C67B)
YUV	179.8820, -28.0428, -12.1745
Hunter-Lab	70.6578, -23.8761, 27.3969

# Details

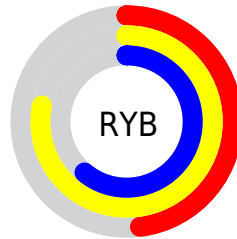
The Hex color **A6C67B** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **9B7BC6**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **DEFFB0**, and **719049** is the 20% darker color. If you saturate the color by 10%, you get **9EC667**, and if you desaturate by 10%, it is **AEC68F**.

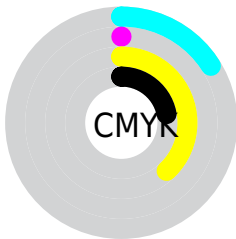
# Distribution



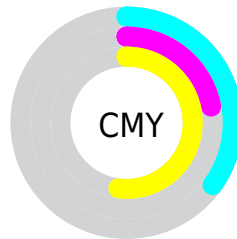
- Red (65%)
- Green (78%)
- Blue (48%)



- Red (48%)
- Yellow (78%)
- Blue (61%)



- Cyan (16%)
- Magenta (0%)
- Yellow (38%)
- Black (22%)



- Cyan (35%)
- Magenta (22%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A6C67B 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 A6C67B by changing the saturation by 10% instead.



 A6C67B

 A6C67B

FFFFFF

 8BAB62

 DEFFB0

 719049

 FBFFCC

 577631

 FFFFE8

 3E5D19

 264600

 0F2F00

 001C00

 000000

 A6C67B

 A6C67B

 9EC667

 AEC68F

 95C653

 B7C6A3

 8DC640

 BFC6B6

 84C62C

 C8C6CA

 7CC618

 D0C6DE

 73C604

 D9C6F2

 72C600

 E1C6FF

 EAC6FF

 F2C6FF

# Harmonies

## Analogous

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



CFBB6E



A6C67B



77CD99

# Triad

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



A6C67B



46C8FF



FF9DB7

# Complementary

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



A6C67B



9B7BC6

# 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.



F0A3DD



A6C67B



8DBDFF

# Square

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



A6C67B



00CEE6



C8AFFA



FFA292

# Rectangle

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



A6C67B



53CFB3



C8AFFA



FF9EC4

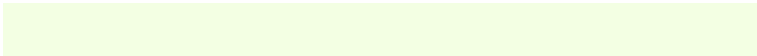


# Sweetspot

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



A6C67B



F3FFE3



C69A7B



78806F



000000



808080

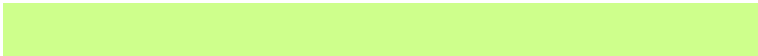


# Same Dimension

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



A6C67B



CEFF8C



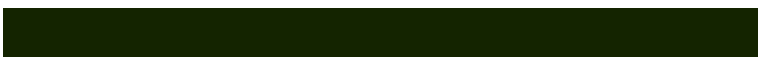
81C67B



5F635A



5EA300



142400



# Inverse Universe

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



9B7BC6



BD8CFF



C07BC6



5E5A63



4600A3



0F0024



# Previews

## White Background



This preview shows how the Hex color A6C67B 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



This preview shows how the Hex color A6C67B looks on a 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 A6C67B Background



This preview shows how black text looks on a background with the Hex color A6C67B.

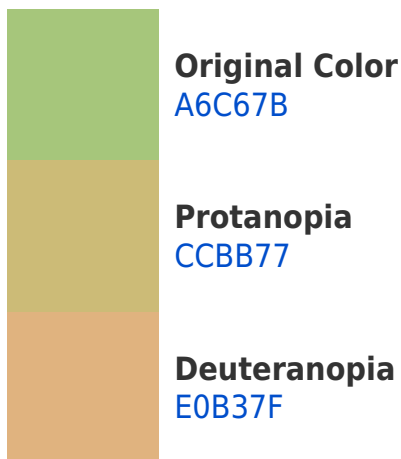


This preview shows how white text looks on a background with the Hex color A6C67B.

# Color Blindness Simulation

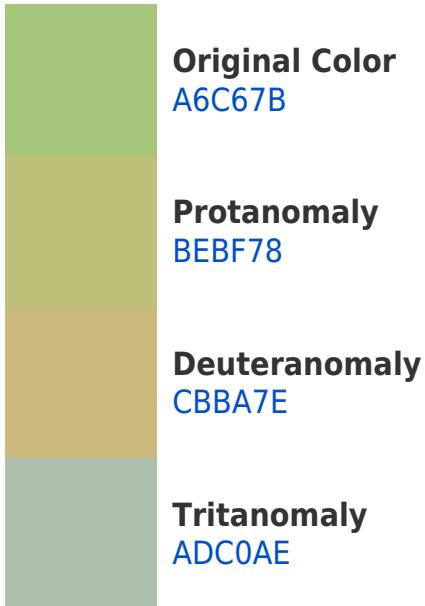
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

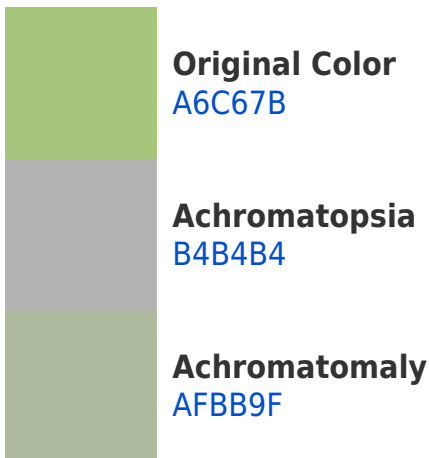




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A6C67B 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 #A6C67B looks like.

```
.text, #text, p{  
    color:#A6C67B  
}
```

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 #A6C67B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6C67B
}
```

## Border

The CSS property to change the border of an element to Hex A6C67B 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
#A6C67B }
```

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

```
.border{ border-color:#A6C67B }
```

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

Here you see how a box with a 4 pixel #A6C67B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6C67B; -webkit-box-shadow:4px 4px  
4px 4px #A6C67B; box-shadow:4px 4px 4px  
4px #A6C67B }
```

# Background

The CSS property to change the background color of an element to Hex A6C67B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6C67B }
```

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

```
.background{ background-color:#A6C67B }
```

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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