

# Converting Colors

Hex(A6C480)

Have a look what the booklet for  
Hex(A6C480) contains.

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# **Color**

**Hex(A6C480)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A6C480
RGB	166, 196, 128
RGB Percent	65%, 77%, 50%
CMY	0.3490, 0.2314, 0.4980
CMYK	0.15, 0.00, 0.35, 0.23
HSL	86°, 37%, 64%
HSV	86°, 35%, 77%
XYZ	39.3621, 49.1454, 27.8335
YIQ	179.2780, 3.9480, -27.5080

# Conversions

## Conversions Part 2

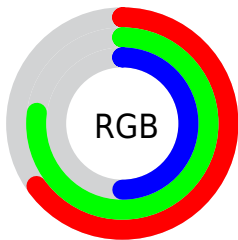
<b>Format</b>	<b>Color</b>
<b>RYB</b>	128, 196, 158
Decimal	10929280
CIELab	75.54, -21.88, 30.90
CIELCh	76, 37.865, 125.307
Yxy	49.1454, 0.3383, 0.4224
Android (android.graphics.Color)	4289119360 (0xFFA6C480)
YUV	179.2780, -25.2801, -11.6448
Hunter-Lab	70.1038, -22.4568, 25.5326

# Details

The Hex color **A6C480** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **9E80C4**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **DEFDB5**, and **718E4E** is the 20% darker color. If you saturate the color by 10%, you get **9DC46C**, and if you desaturate by 10%, it is **AFC494**.

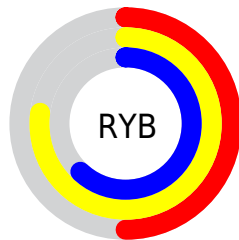
# Distribution



Red (65%)

Green (77%)

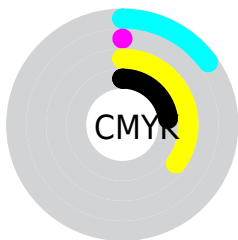
Blue (50%)



Red (50%)

Yellow (77%)

Blue (62%)

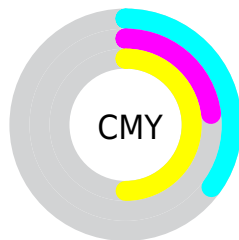


Cyan (15%)

Magenta (0%)

Yellow (35%)

Black (23%)



Cyan (35%)

Magenta (23%)

Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A6C480 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 A6C480 by changing the saturation by 10% instead.





A6C480



A6C480

FFFFFF



8BA966



DEFDB5



718E4E



FBFFD1



587536



FFFEE



3F5C1F



274407



112D00



001B00



000000



A6C480



A6C480

 9DC46C

 AFC494

 95C459

 B7C4A7

 8CC445

 C0C4BB

 83C432

 C9C4CE

 7BC41E

 D1C4E2

 72C40A

 DAC4F6

 6EC400

 E3C4FF

 EBC4FF

 F4C4FF

# Harmonies

## Analogous

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



CCBA74



A6C480



7CCA9C

# Triad

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



A6C480



5AC6F9



FD9FB5

# Complementary

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



A6C480



9E80C4

# 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.



EBA4D8



A6C480



93BBFF

# Square

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



A6C480



35CBE1



C7AFF3



FCA393

# Rectangle

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



A6C480



5ECDB3



C7AFF3



FAA0C1



# Sweetspot

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



A6C480



F4FFE6



C49D80



798070



000000



808080

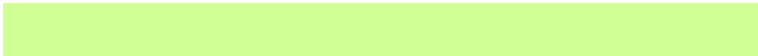


# Same Dimension

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



A6C480



D0FF94



85C480



5D6157



5AA100



132100



# Inverse Universe

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



9E80C4



C394FF



BF80C4



5B5761



4700A1



0F0021



# Previews

## White Background



This preview shows how the Hex color A6C480 looks on a white background.

## Color Contrast Check

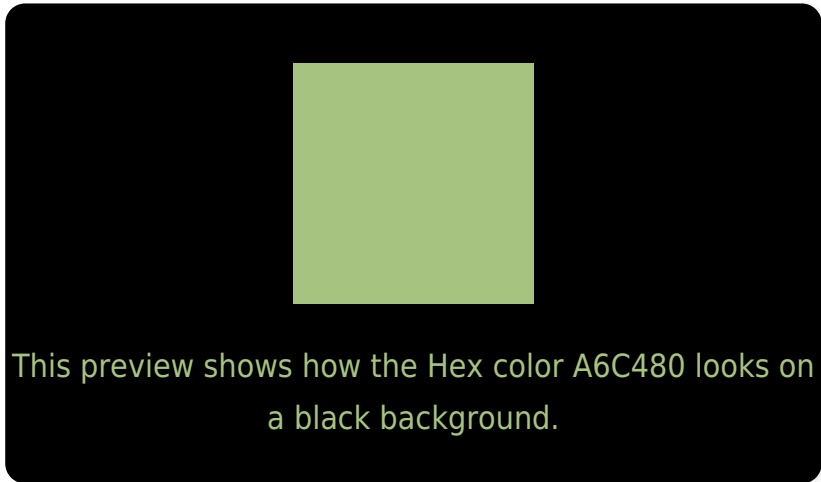
Large Text (above 18pt) WCAG AA × Fail

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

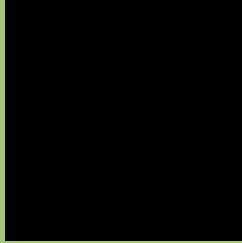
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A6C480 Background



This preview shows how black text looks on a background with the Hex color A6C480.

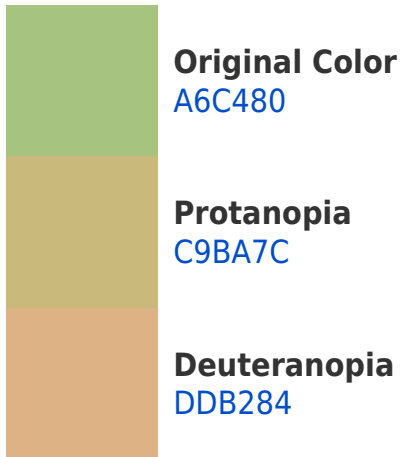


This preview shows how white text looks on a background with the Hex color A6C480.

# Color Blindness Simulation

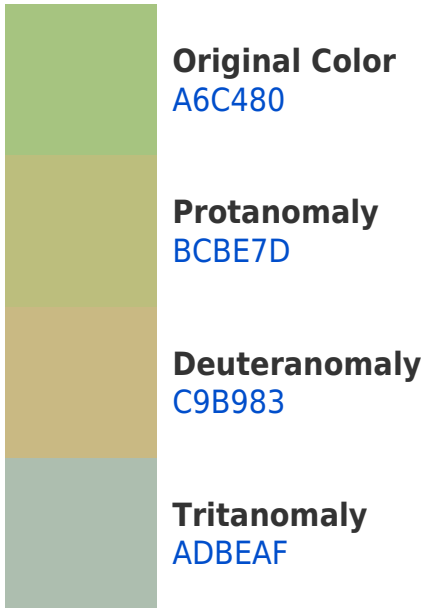
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

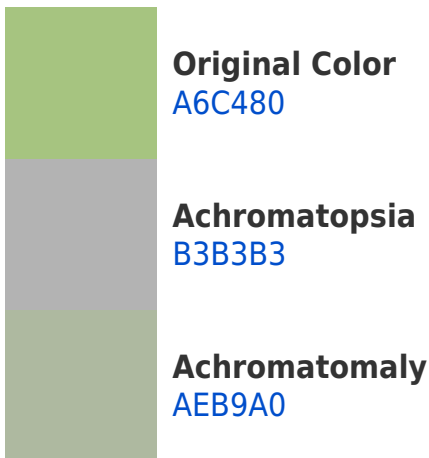




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A6C480 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 #A6C480 looks like.

```
.text, #text, p{  
    color:#A6C480  
}
```

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 #A6C480 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6C480
}
```

## Border

The CSS property to change the border of an element to Hex A6C480 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
#A6C480 }
```

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

```
.border{ border-color:#A6C480 }
```

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

Here you see how a box with a 4 pixel #A6C480 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6C480; -webkit-box-shadow:4px 4px  
4px 4px #A6C480; box-shadow:4px 4px 4px  
4px #A6C480 }
```

# Background

The CSS property to change the background color of an element to Hex A6C480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6C480 }
```

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

```
.background{ background-color:#A6C480 }
```

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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