

# Converting Colors

Hex(6AAB78)

Have a look what the booklet for  
Hex(6AAB78) contains.

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# **Color**

**Hex(6AAB78)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6AAB78
RGB	106, 171, 120
RGB Percent	42%, 67%, 47%
CMY	0.5843, 0.3294, 0.5294
CMYK	0.38, 0.00, 0.30, 0.33
HSL	133°, 28%, 54%
HSV	133°, 38%, 67%
XYZ	23.8969, 33.5461, 22.9848
YIQ	145.7510, -22.3690, -29.6410

# Conversions

## Conversions Part 2

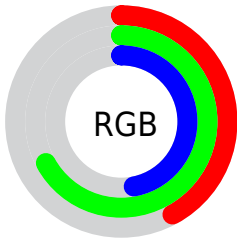
Format	Color
<a href="#">RYB</a>	<a href="#">106, 159, 171</a>
Decimal	<a href="#">6990712</a>
CIELab	<a href="#">64.60, -31.84, 19.88</a>
CIELCh	<a href="#">65, 37.538, 148.019</a>
Yxy	<a href="#">33.5461, 0.2971, 0.4171</a>
Android (android.graphics.Color)	<a href="#">4285180792 (0xFF6AAB78)</a>
YUV	<a href="#">145.7510, -12.6952, -34.8616</a>
Hunter-Lab	<a href="#">57.9190, -27.7104, 17.0143</a>

# Details

The Hex color **6AAB78** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AB6A9D**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **A0E3AD**, and **367647** is the 20% darker color. If you saturate the color by 10%, you get **59AB6B**, and if you desaturate by 10%, it is **7BAB85**.

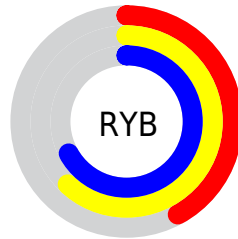
# Distribution



Red (42%)

Green (67%)

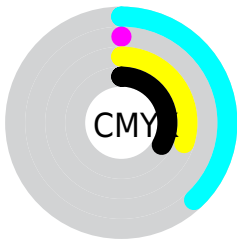
Blue (47%)



Red (42%)

Yellow (62%)

Blue (67%)

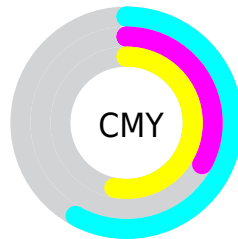


Cyan (38%)

Magenta (0%)

Yellow (30%)

Black (33%)



Cyan (58%)

Magenta (33%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6AAB78 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 6AAB78 by changing the saturation by 10% instead.





6AAB78



6AAB78

FFFFFF



50905F



A0E3AD



367647



BBFFC8



1B5D30



D8FFE4



00451A



F5FFFF



002E02



001900



000000



6AAB78



6AAB78



59AB6B



7BAB85

 48AB5D

 8CAB93

 37AB50

 9DABA0

 26AB42

 AEABAE

 14AB35

 BFABBB

 03AB27

 D1ABC9

 00AB25

 E2ABD6

 F3ABE3

 FFABF1

# Harmonies

## Analogous

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



92A460



6AAB78



39AE99

# Triad

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



6AAB78



66A1DF



DD857F

# Complementary

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



6AAB78



AB6A9D

# 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.



DA82A0



6AAB78



9D95D8

# Square

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



6AAB78



1DA9D5



C589C1



CF8E65

# Rectangle

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



6AAB78



00AEB0



C589C1



DE838A



# Sweetspot

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



6AAB78



C5DECB



9EAB6A



627065



F0F0F0



707070



# Same Dimension

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



6AAB78



78DE8E



6AAB97



4E5750



009620



001705



# Inverse Universe

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



AB6A9D



DE78C8



AB6A7E



574E55



960076



170012



# Previews

## White Background



This preview shows how the Hex color 6AAB78 looks on a white background.

## Color Contrast Check

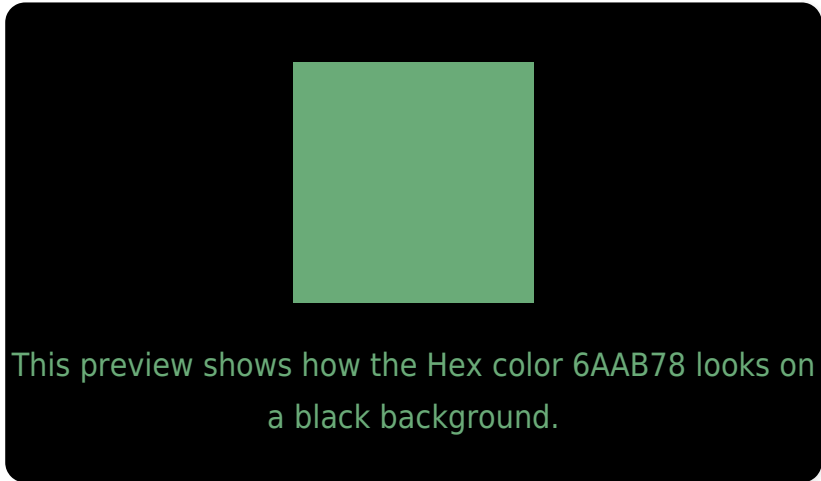
Large Text (above 18pt) WCAG AA × Fail

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

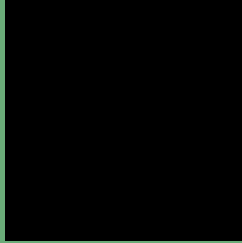
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6AAB78 Background



This preview shows how black text looks on a background with the Hex color 6AAB78.

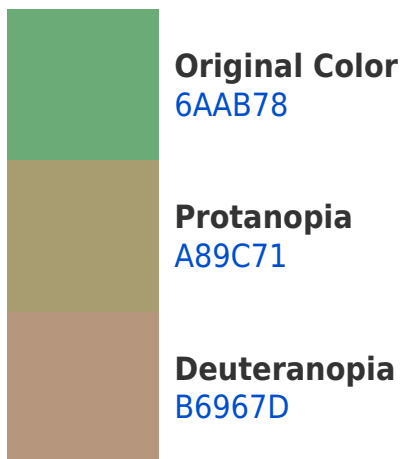


This preview shows how white text looks on a background with the Hex color 6AAB78.

# 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](#).

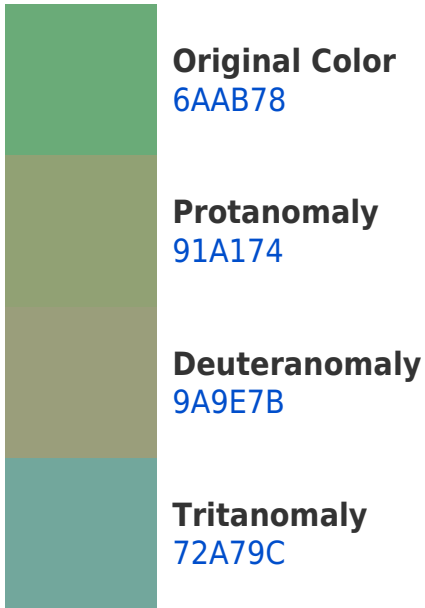
## Dichromacy



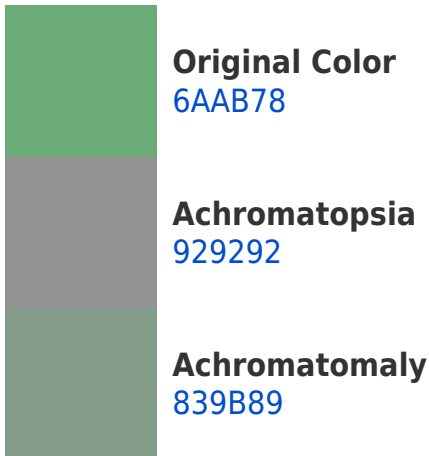


**Tritanopia**  
76A4B1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6AAB78 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 #6AAB78 looks like.

```
.text, #text, p{  
    color:#6AAB78  
}
```

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 #6AAB78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AAB78  
}
```

## Border

The CSS property to change the border of an element to Hex 6AAB78 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  
#6AAB78 }
```

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

```
.border{ border-color:#6AAB78 }
```

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

Here you see how a box with a 4 pixel #6AAB78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AAB78; -webkit-box-shadow:4px 4px  
4px 4px #6AAB78; box-shadow:4px 4px 4px  
4px #6AAB78 }
```

# Background

The CSS property to change the background color of an element to Hex 6AAB78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AAB78 }
```

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

```
.background{ background-color:#6AAB78 }
```

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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