

# Converting Colors

Hex(6AC68B)

Have a look what the booklet for  
Hex(6AC68B) contains.

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# **Color**

**Hex(6AC68B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6AC68B
RGB	106, 198, 139
RGB Percent	42%, 78%, 55%
CMY	0.5843, 0.2235, 0.4549
CMYK	0.46, 0.00, 0.30, 0.22
HSL	142°, 45%, 60%
HSV	142°, 46%, 78%
XYZ	30.7981, 45.3164, 31.5498
YIQ	163.7660, -35.8930, -37.8530

# Conversions

## Conversions Part 2

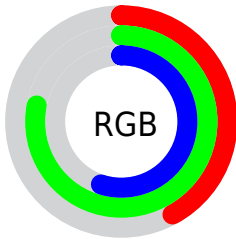
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">106, 174, 198</a>
Decimal	<a href="#">6997643</a>
CIELab	<a href="#">73.10, -40.63, 21.27</a>
CIELCh	<a href="#">73, 45.859, 152.360</a>
Yxy	<a href="#">45.3164, 0.2861, 0.4209</a>
Android (android.graphics.Color)	<a href="#">4285187723 (0xFF6AC68B)</a>
YUV	<a href="#">163.7660, -12.2096, -50.6608</a>
Hunter-Lab	<a href="#">67.3175, -36.1408, 19.3347</a>

# Details

The Hex color **6AC68B** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **C66AA5**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **A2FFC1**, and **318F59** is the 20% darker color. If you saturate the color by 10%, you get **56C67E**, and if you desaturate by 10%, it is **7EC698**.

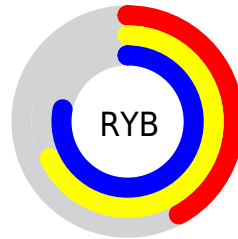
# Distribution



Red (42%)

Green (78%)

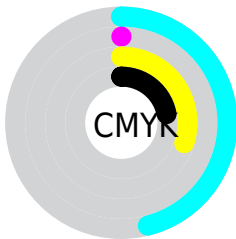
Blue (55%)



Red (42%)

Yellow (68%)

Blue (78%)

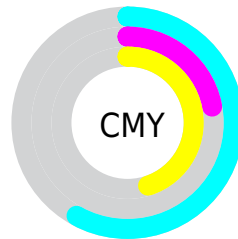


Cyan (46%)

Magenta (0%)

Yellow (30%)

Black (22%)



Cyan (58%)

Magenta (22%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6AC68B 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 6AC68B by changing the saturation by 10% instead.





6AC68B



6AC68B

FFFFFF



4EAA71



A2FFC1



318F59



BEFFDD



0A7541



DBFFF9



005C2A



F9FFFF



004414



002D00



001300



000000



6AC68B



6AC68B

 56C67E

 7EC698

 42C672

 92C6A4

 2FC665

 A5C6B1

 1BC658

 B9C6BE

 07C64C

 CDC6CA

 00C647

 E1C6D7

 F5C6E4

 FFC6F1

 FFC6FD

# Harmonies

## Analogous

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



9FBE6A



6AC68B



05C9B6

# Triad

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



6AC68B



76B7FF



FF9689

# Complementary

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



6AC68B



C66AA5

# 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.



FF91B2



6AC68B



BCA7FB

# Square

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



6AC68B



00C2FD



EB98DB



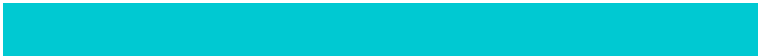
EDA36A

# Rectangle

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



6AC68B



00C9D2



EB98DB



FF9396

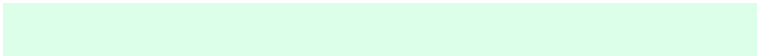


# Sweetspot

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



6AC68B



DBFFE8



A6C66A



6A8072



000000



808080



# Same Dimension

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



6AC68B



70FFA3



6AC6B8



5A635D



00A33B



00240D



# Inverse Universe

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



C66AA5



FF70CC



C66A78



635A60



A30069



240017



# Previews

## White Background



This preview shows how the Hex color 6AC68B looks on a white background.

## Color Contrast Check

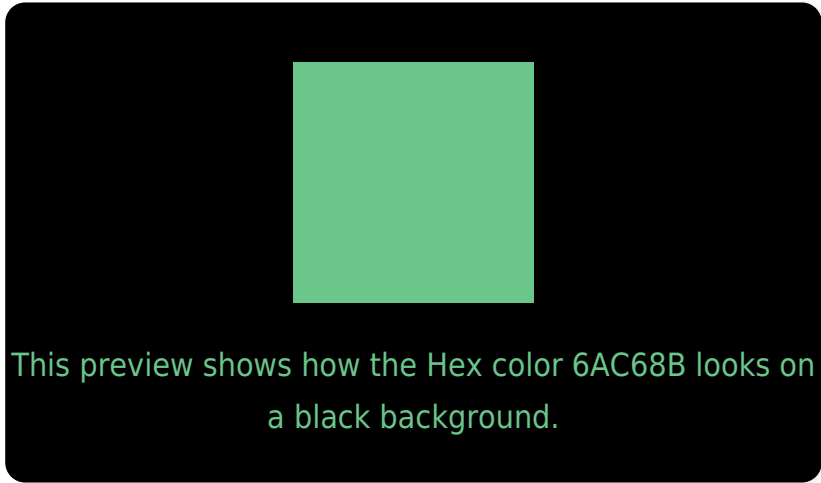
Large Text (above 18pt) WCAG AA × Fail

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

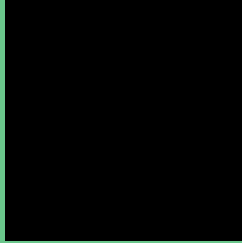
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6AC68B Background



This preview shows how black text looks on a background with the Hex color 6AC68B.

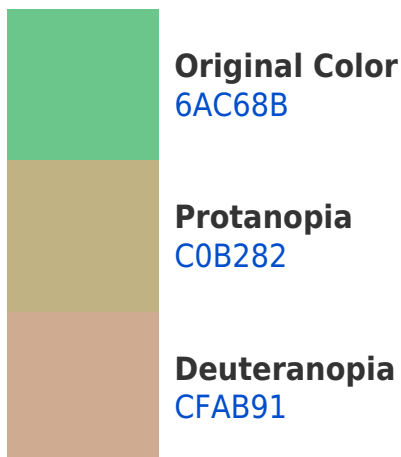


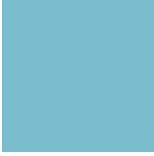
This preview shows how white text looks on a background with the Hex color 6AC68B.

# 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](#).

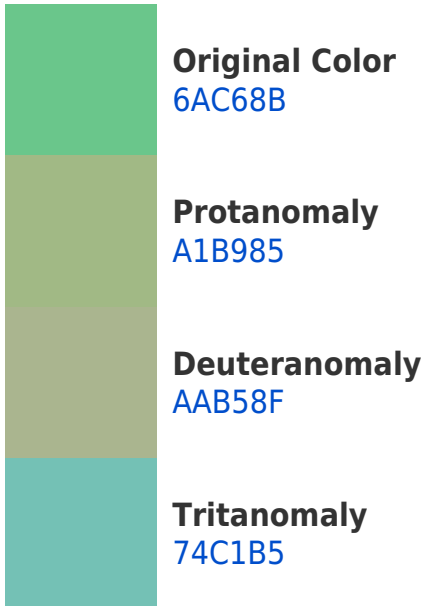
## Dichromacy



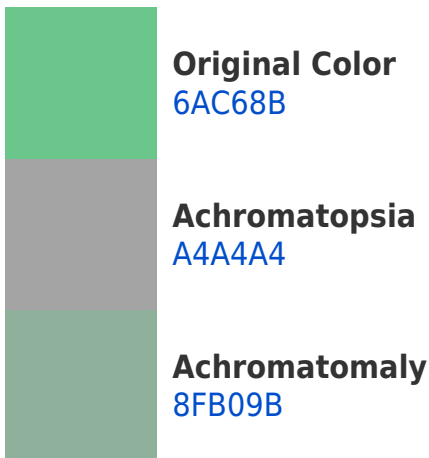


**Tritanopia**  
7ABECD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6AC68B 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 #6AC68B looks like.

```
.text, #text, p{  
    color:#6AC68B  
}
```

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 #6AC68B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AC68B
}
```

## Border

The CSS property to change the border of an element to Hex 6AC68B 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
#6AC68B }
```

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

```
.border{ border-color:#6AC68B }
```

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

Here you see how a box with a 4 pixel #6AC68B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AC68B; -webkit-box-shadow:4px 4px  
4px 4px #6AC68B; box-shadow:4px 4px 4px  
4px #6AC68B }
```

# Background

The CSS property to change the background color of an element to Hex 6AC68B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AC68B }
```

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

```
.background{ background-color:#6AC68B }
```

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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