

# Converting Colors

Hex(68C67B)

Have a look what the booklet for  
Hex(68C67B) contains.

<b>Hex(68C67B)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(68C67B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	68C67B
RGB	104, 198, 123
RGB Percent	41%, 78%, 48%
CMY	0.5922, 0.2235, 0.5176
CMYK	0.47, 0.00, 0.38, 0.22
HSL	132°, 45%, 59%
HSV	132°, 47%, 78%
XYZ	29.4782, 44.7613, 25.8250
YIQ	161.3440, -31.9490, -43.2530

# Conversions

## Conversions Part 2

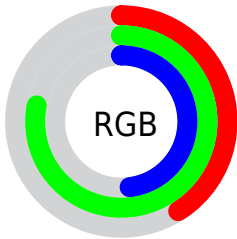
Format	Color
<a href="#">RYB</a>	<a href="#">104, 182, 198</a>
Decimal	<a href="#">6866555</a>
CIELab	<a href="#">72.73, -44.03, 29.19</a>
CIELCh	<a href="#">73, 52.826, 146.457</a>
Yxy	<a href="#">44.7613, 0.2946, 0.4473</a>
Android (android.graphics.Color)	<a href="#">4285056635 (0xFF68C67B)</a>
YUV	<a href="#">161.3440, -18.9036, -50.2907</a>
Hunter-Lab	<a href="#">66.9039, -38.4339, 23.9467</a>

# Details

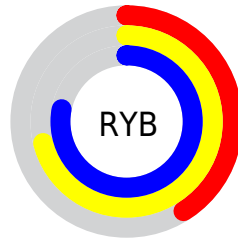
The Hex color **68C67B** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **C668B3**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **A0FFB0**, and **2E8F49** is the 20% darker color. If you saturate the color by 10%, you get **54C66B**, and if you desaturate by 10%, it is **7CC68B**.

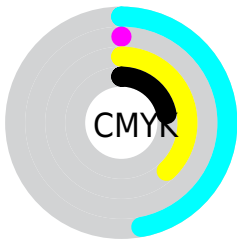
# Distribution



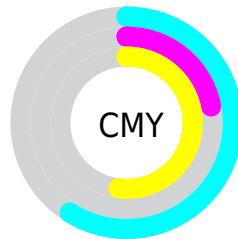
- Red (41%)
- Green (78%)
- Blue (48%)



- Red (41%)
- Yellow (71%)
- Blue (78%)



- Cyan (47%)
- Magenta (0%)
- Yellow (38%)
- Black (22%)



- Cyan (59%)
- Magenta (22%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 68C67B 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 68C67B by changing the saturation by 10% instead.





68C67B



68C67B

FFFFFF



4CAA62



A0FFB0



2E8F49



BDFECC



017531



DAFFE8



005C1A



F7FFFF



004302



002D00



001100



000000



68C67B



68C67B

 54C66B

 7CC68B

 40C65B

 90C69B

 2DC64C

 A3C6AA

 19C63C

 B7C6BA

 05C62C

 CBC6CA

 00C628

 DFC6DA

 F3C6EA

 FFC6F9

 FFC6FF

# Harmonies

## Analogous

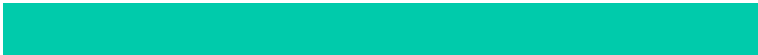
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A4BC58



68C67B



00CBAB

# Triad

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



68C67B



48B9FF



FF8D8A

# Complementary

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



68C67B



C668B3

# 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.



FF8ABA



68C67B



ADA8FF

# Square

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



68C67B



00C5FF



E995E9



F99C63

# Rectangle

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



68C67B



00CBCC



E995E9



FF8A9A

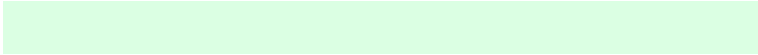


# Sweetspot

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



68C67B



DBFFE3



B3C668



6A806E



000000



808080



# Same Dimension

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



68C67B



6EFF8B



68C6AA



5A635C



00A321



002407



# Inverse Universe

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



C668B3



FF6EE2



C66884



635A61



A30082



24001C



# Previews

## White Background



This preview shows how the Hex color 68C67B 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 68C67B 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 68C67B Background



This preview shows how black text looks on a background with the Hex color 68C67B.

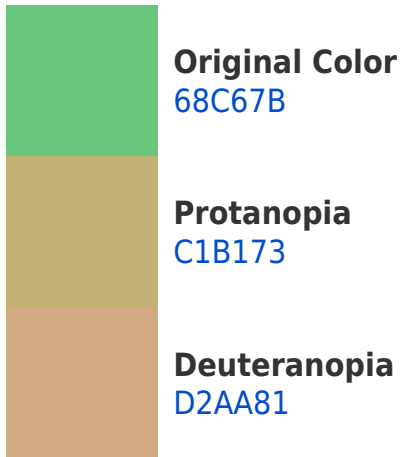


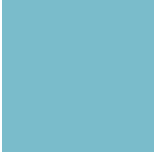
This preview shows how white text looks on a background with the Hex color 68C67B.

# 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**  
7ABCCB

# Trichromacy



**Original Color**  
68C67B



**Protanomaly**  
A1B976



**Deuteranomaly**  
ABB47F



**Tritanomaly**  
73C0AE

# Monochromacy



**Original Color**  
68C67B



**Achromatopsia**  
A1A1A1



**Achromatomaly**  
8CAE93

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 68C67B 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 #68C67B looks like.

```
.text, #text, p{  
    color:#68C67B  
}
```

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 #68C67B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68C67B  
}
```

## Border

The CSS property to change the border of an element to Hex 68C67B 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  
#68C67B }
```

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

```
.border{ border-color:#68C67B }
```

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

Here you see how a box with a 4 pixel #68C67B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68C67B; -webkit-box-shadow:4px 4px  
4px 4px #68C67B; box-shadow:4px 4px 4px  
4px #68C67B }
```

# Background

The CSS property to change the background color of an element to Hex 68C67B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68C67B }
```

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

```
.background{ background-color:#68C67B }
```

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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