

Converting Colors

Hex(68C97B)

Have a look what the booklet for
Hex(68C97B) contains.

Hex(68C97B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(68C97B)

Conversions

Conversions Part 1

Format	Color
Hex	68C97B
RGB	104, 201, 123
RGB Percent	41%, 79%, 48%
CMY	0.5922, 0.2118, 0.5176
CMYK	0.48, 0.00, 0.39, 0.21
HSL	132°, 47%, 60%
HSV	132°, 48%, 79%
XYZ	30.1707, 46.1464, 26.0559
YIQ	163.1050, -32.7740, -44.8220

Conversions

Conversions Part 2

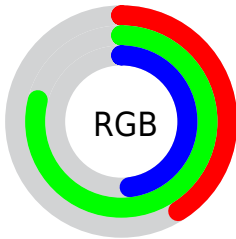
Format	Color
RYB	104, 185, 201
Decimal	6867323
CIELab	73.64, -45.30, 30.38
CIElCh	74, 54.550, 146.152
Yxy	46.1464, 0.2947, 0.4508
Android (android.graphics.Color)	4285057403 (0xFF68C97B)
YUV	163.1050, -19.7718, -51.8351
Hunter-Lab	67.9311, -39.6011, 24.8103

Details

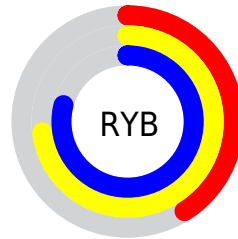
The Hex color **68C97B** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **C968B6**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **A0FFB0**, and **2D9249** is the 20% darker color. If you saturate the color by 10%, you get **54C96B**, and if you desaturate by 10%, it is **7CC98B**.

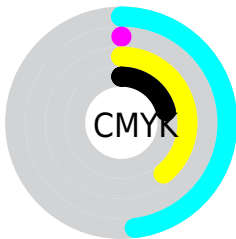
Distribution



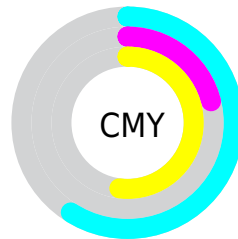
- Red (41%)
- Green (79%)
- Blue (48%)



- Red (41%)
- Yellow (73%)
- Blue (79%)



- Cyan (48%)
- Magenta (0%)
- Yellow (39%)
- Black (21%)



- Cyan (59%)
- Magenta (21%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68C97B 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 68C97B by changing the saturation by 10% instead.



68C97B



68C97B

FFFFFF



4CAD62



A0FFB0



2D9249



BDFECC



007831



DAFFE8



005E1A



F8FFFF



004601



002F00



001500



000000



68C97B



68C97B

 54C96B

 7CC98B

 40C95B

 90C99B

 2CC94B

 A4C9AB

 18C93A

 B8C9BC

 04C92A

 CDC9CC

 00C927

 E1C9DC

 F5C9EC

 FFC9FC

 FFC9FF

Harmonies

Analogous

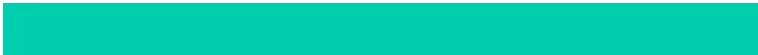
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A6BF57



68C97B



00CEAD

Triad

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



68C97B



41BCFF



FF8E8C

Complementary

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



68C97B



C968B6

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.



FF8BBD



68C97B



AEA AFF

Square

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



68C97B



00C8FF



ED97ED



FD9E63

Rectangle

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



68C97B



00CECF



ED97ED



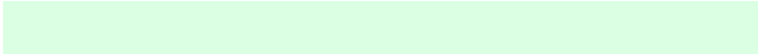
FF8B9C

Sweetspot

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



68C97B



DBFFE2



B7C968



6A806E



000000



808080

Same Dimension

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



68C97B



6BFF88



68C9AA



5A635B



00A320



002407

Inverse Universe

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



C968B6



FF6BE2



C96887



635A62



A30083



24001D

Previews

White Background



This preview shows how the Hex color 68C97B looks on a white background.

Color Contrast Check

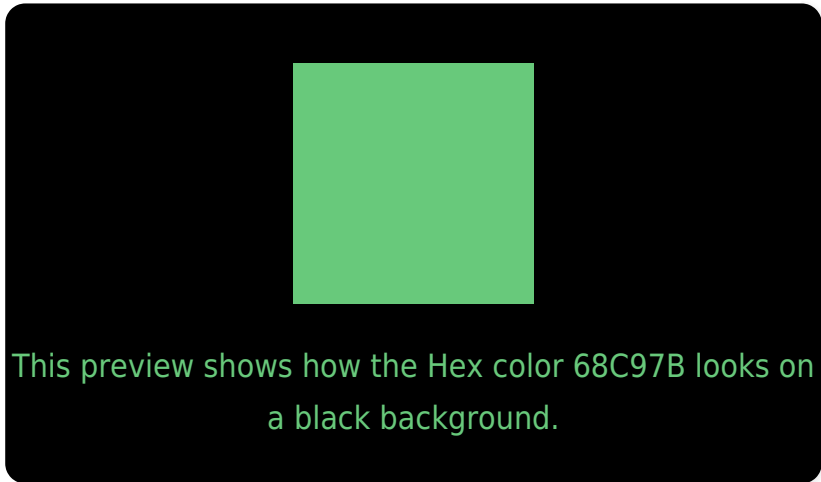
Large Text (above 18pt) WCAG AA × Fail

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 68C97B Background



This preview shows how black text looks on a background with the Hex color 68C97B.

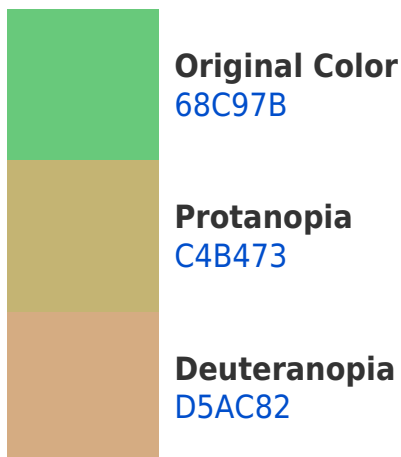


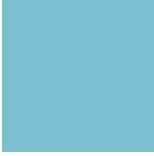
This preview shows how white text looks on a background with the Hex color 68C97B.

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](#).

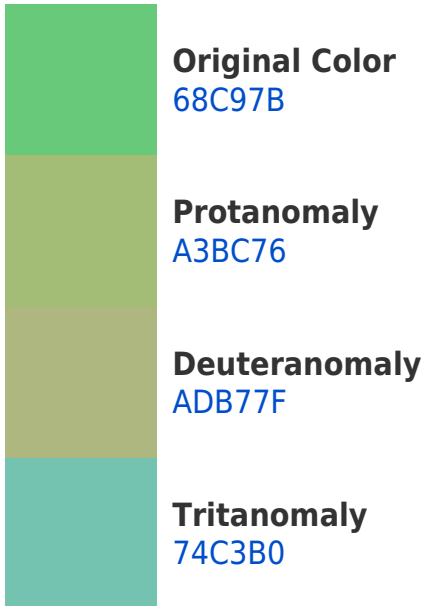
Dichromacy



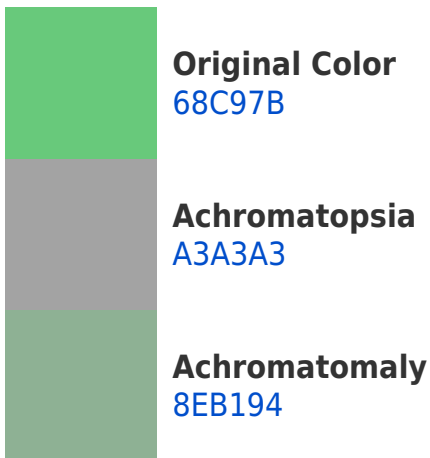


Tritanopia
7BBFCE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 68C97B 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 #68C97B looks like.

```
.text, #text, p{  
    color:#68C97B  
}
```

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 #68C97B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68C97B
}
```

Border

The CSS property to change the border of an element to Hex 68C97B 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
#68C97B }
```

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

```
.border{ border-color:#68C97B }
```

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

Here you see how a box with a 4 pixel #68C97B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68C97B; -webkit-box-shadow:4px 4px  
4px 4px #68C97B; box-shadow:4px 4px 4px  
4px #68C97B }
```

Background

The CSS property to change the background color of an element to Hex 68C97B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68C97B }
```

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

```
.background{ background-color:#68C97B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor