

# Converting Colors

Hex(8BC78B)

Have a look what the booklet for  
Hex(8BC78B) contains.

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# **Color**

**Hex(8BC78B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8BC78B
RGB	139, 199, 139
RGB Percent	55%, 78%, 55%
CMY	0.4549, 0.2196, 0.4549
CMYK	0.30, 0.00, 0.30, 0.22
HSL	120°, 35%, 66%
HSV	120°, 30%, 78%
XYZ	35.7311, 48.1999, 31.8464
YIQ	174.2200, -16.5000, -31.3800

# Conversions

## Conversions Part 2

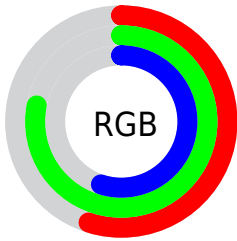
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">139, 199, 199</a>
Decimal	<a href="#">9160587</a>
CIELab	<a href="#">74.95, -31.17, 24.05</a>
CIElCh	<a href="#">75, 39.371, 142.343</a>
Yxy	<a href="#">48.1999, 0.3086, 0.4163</a>
Android (android.graphics.Color)	<a href="#">4287350667 (0xFF8BC78B)</a>
YUV	<a href="#">174.2200, -17.3635, -30.8879</a>
Hunter-Lab	<a href="#">69.4261, -29.6284, 21.4015</a>

# Details

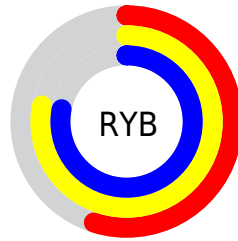
The Hex color **8BC78B** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **C78BC7**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **C2FFC1**, and **579158** is the 20% darker color. If you saturate the color by 10%, you get **77C777**, and if you desaturate by 10%, it is **9FC79F**.

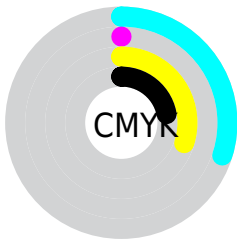
# Distribution



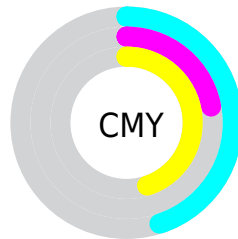
- Red (55%)
- Green (78%)
- Blue (55%)



- Red (55%)
- Yellow (78%)
- Blue (78%)



- Cyan (30%)
- Magenta (0%)
- Yellow (30%)
- Black (22%)



- Cyan (45%)
- Magenta (22%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8BC78B 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 8BC78B by changing the saturation by 10% instead.





8BC78B



8BC78B

FFFFFF



70AB71



C2FFC1



579158



DEFFDD



3D7741



FBFFFA



235E2A



044614



002E00



001A00



000000



8BC78B



8BC78B

 77C777

 9FC79F

 63C763

 B3C7B3

 4FC74F

 C7C7C7

 3BC73B

 DBC7DB

 27C727

 EFC7EF

 14C714

 FFC7FF

 00C700

# Harmonies

## Analogous

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



B5BF74



8BC78B



5CCBAE

# Triad

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



8BC78B



74BFFF



FF9E9F

# Complementary

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



8BC78B



C78BC7

# 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.



F99DC3



8BC78B



AFB3FB

# Square

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



8BC78B



35C8F1



DDA6E5



F3A780

# Rectangle

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



8BC78B



3ACCC7



DDA6E5



FF9DAB

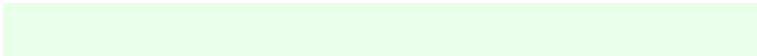


# Sweetspot

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



8BC78B



E8FFE8



C7C78B



718071



000000



808080

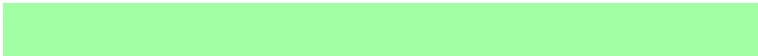


# Same Dimension

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



8BC78B



A3FFA3



8BC7A9



5A635A



00A300



002400



# Inverse Universe

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



C78BC7



FFA3FF



C78BA9



635A63



A300A3



240024



# Previews

## White Background



This preview shows how the Hex color 8BC78B looks on a white background.

## Color Contrast Check

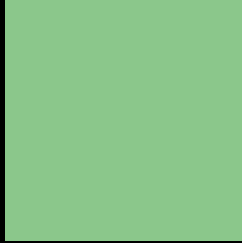
Large Text (above 18pt) WCAG AA × Fail

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 8BC78B 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 8BC78B Background



This preview shows how black text looks on a background with the Hex color 8BC78B.

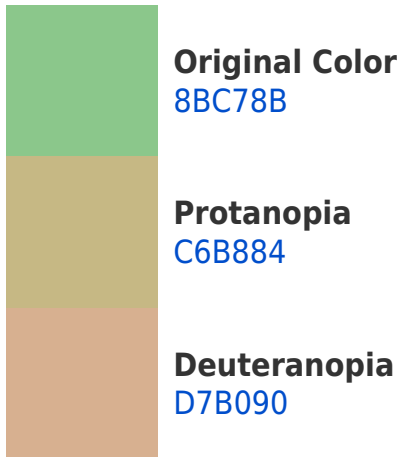


This preview shows how white text looks on a background with the Hex color 8BC78B.

# Color Blindness Simulation

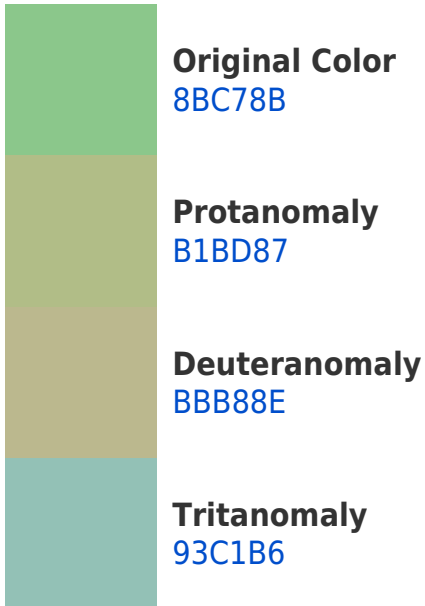
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

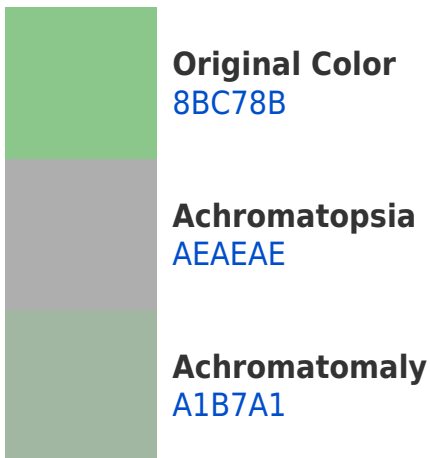




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8BC78B 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 #8BC78B looks like.

```
.text, #text, p{  
    color:#8BC78B  
}
```

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 #8BC78B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8BC78B
}
```

## Border

The CSS property to change the border of an element to Hex 8BC78B 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
#8BC78B }
```

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

```
.border{ border-color:#8BC78B }
```

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

Here you see how a box with a 4 pixel #8BC78B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8BC78B; -webkit-box-shadow:4px 4px  
4px 4px #8BC78B; box-shadow:4px 4px 4px  
4px #8BC78B }
```

# Background

The CSS property to change the background color of an element to Hex 8BC78B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8BC78B }
```

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

```
.background{ background-color:#8BC78B }
```

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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