

# Converting Colors

Hex(8BC67B)

Have a look what the booklet for  
Hex(8BC67B) contains.

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# **Color**

**Hex(8BC67B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8BC67B
RGB	139, 198, 123
RGB Percent	55%, 78%, 48%
CMY	0.4549, 0.2235, 0.5176
CMYK	0.30, 0.00, 0.38, 0.22
HSL	107°, 40%, 63%
HSV	107°, 38%, 78%
XYZ	34.4167, 47.3072, 26.0561
YIQ	171.8090, -11.0890, -35.8330

# Conversions

## Conversions Part 2

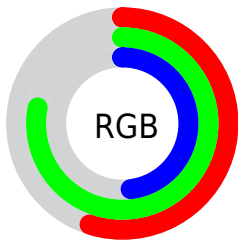
Format	Color
<a href="#">RYB</a>	<a href="#">123, 198, 182</a>
Decimal	<a href="#">9160315</a>
CIELab	<a href="#">74.39, -33.21, 31.67</a>
CIELCh	<a href="#">74, 45.892, 136.364</a>
Yxy	<a href="#">47.3072, 0.3193, 0.4389</a>
Android (android.graphics.Color)	<a href="#">4287350395 (0xFF8BC67B)</a>
YUV	<a href="#">171.8090, -24.0628, -28.7735</a>
Hunter-Lab	<a href="#">68.7802, -31.0464, 25.6852</a>

# Details

The Hex color **8BC67B** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **B67BC6**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **C2FFB0**, and **569049** is the 20% darker color. If you saturate the color by 10%, you get **7BC667**, and if you desaturate by 10%, it is **9BC68F**.

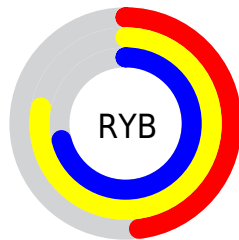
# Distribution



Red (55%)

Green (78%)

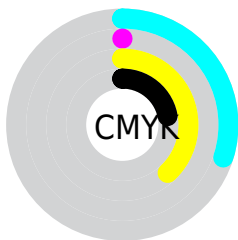
Blue (48%)



Red (48%)

Yellow (78%)

Blue (71%)

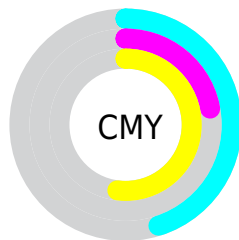


Cyan (30%)

Magenta (0%)

Yellow (38%)

Black (22%)



Cyan (45%)

Magenta (22%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8BC67B 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 8BC67B by changing the saturation by 10% instead.



 8BC67B

 8BC67B

FFFFFF

 70AB62

 C2FFB0

 569049

 DFFFCC

 3C7631

 FCFFE8

 225D1A

 014501

 002E00

 001800

 000000

 8BC67B

 8BC67B

 7BC667

 9BC68F

 6CC653

 AAC6A3

 5CC640

 BAC6B6

 4DC62C

 C9C6CA

 3DC618

 D9C6DE

 2EC604

 E8C6F2

 2AC600

 F8C6FF

 FFC6FF

# Harmonies

## Analogous

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



BBBC64



8BC67B



4FCCA2

# Triad

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



8BC67B



48C1FF



FF96A1

# Complementary

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



8BC67B



B67BC6

# 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.



FC97CC



8BC67B



9DB3FF

# Square

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



8BC67B



00CAF3



D8A3F2



FE9F7C

# Rectangle

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



8BC67B



00CDBF



D8A3F2



FF95AF

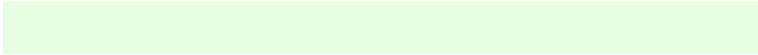


# Sweetspot

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



8BC67B



E9FFE3



C6B67B



72806F



000000



808080

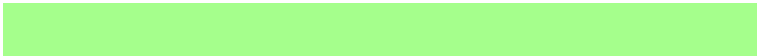


# Same Dimension

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



8BC67B



A5FF8C



7BC690



5C635A



23A300



082400



# Inverse Universe

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



B67BC6



E78CFF



C67BB1



615A63



8000A3



1C0024



# Previews

## White Background



This preview shows how the Hex color 8BC67B 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 8BC67B 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 8BC67B Background



This preview shows how black text looks on a background with the Hex color 8BC67B.

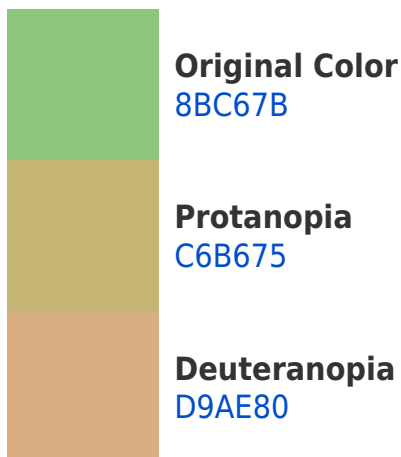


This preview shows how white text looks on a background with the Hex color 8BC67B.

# 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**  
99BCCB

# Trichromacy



**Original Color**  
8BC67B

**Protanomaly**  
B1BC77

**Deuteranomaly**  
BDB77E

**Tritanomaly**  
94C0AE

# Monochromacy



**Original Color**  
8BC67B

**Achromatopsia**  
ACACAC

**Achromatomaly**  
A0B59A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8BC67B 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 #8BC67B looks like.

```
.text, #text, p{  
    color:#8BC67B  
}
```

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 #8BC67B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8BC67B
}
```

## Border

The CSS property to change the border of an element to Hex 8BC67B 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
#8BC67B }
```

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

```
.border{ border-color:#8BC67B }
```

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

Here you see how a box with a 4 pixel #8BC67B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8BC67B; -webkit-box-shadow:4px 4px  
4px 4px #8BC67B; box-shadow:4px 4px 4px  
4px #8BC67B }
```

# Background

The CSS property to change the background color of an element to Hex 8BC67B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8BC67B }
```

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

```
.background{ background-color:#8BC67B }
```

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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