

# Converting Colors

Hex(8BC87F)

Have a look what the booklet for  
Hex(8BC87F) contains.

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# **Color**

**Hex(8BC87F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8BC87F
RGB	139, 200, 127
RGB Percent	55%, 78%, 50%
CMY	0.4549, 0.2157, 0.5020
CMYK	0.31, 0.00, 0.36, 0.22
HSL	110°, 40%, 64%
HSV	110°, 36%, 78%
XYZ	35.1325, 48.3298, 27.5556
YIQ	173.4390, -12.9230, -35.6350

# Conversions

## Conversions Part 2

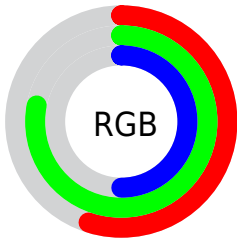
Format	Color
<a href="#">RYB</a>	<a href="#">127, 200, 188</a>
Decimal	<a href="#">9160831</a>
CIELab	<a href="#">75.03, -33.55, 30.45</a>
CIElCh	<a href="#">75, 45.303, 137.775</a>
Yxy	<a href="#">48.3298, 0.3165, 0.4353</a>
Android (android.graphics.Color)	<a href="#">4287350911</a> <a href="#">(0xFF8BC87F)</a>
YUV	<a href="#">173.4390, -22.8944, -30.2030</a>
Hunter-Lab	<a href="#">69.5197, -31.4525, 25.1629</a>

# Details

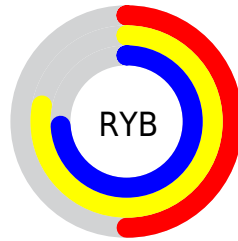
The Hex color **8BC87F** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **BC7FC8**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **C2FFB4**, and **56924D** is the 20% darker color. If you saturate the color by 10%, you get **7AC86B**, and if you desaturate by 10%, it is **9CC893**.

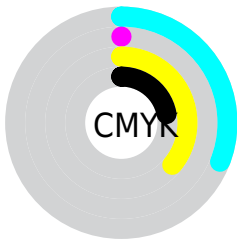
# Distribution



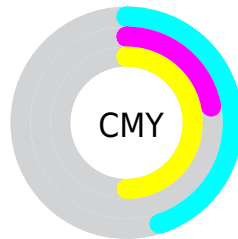
- Red (55%)
- Green (78%)
- Blue (50%)



- Red (50%)
- Yellow (78%)
- Blue (74%)



- Cyan (31%)
- Magenta (0%)
- Yellow (36%)
- Black (22%)



- Cyan (45%)
- Magenta (22%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8BC87F 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 8BC87F by changing the saturation by 10% instead.





8BC87F



8BC87F

FFFFFF



70AC65



C2FFB4



56924D



DFFFD0



3C7835



FCFFED



225E1E



004605



002F00



001A00



000000



8BC87F



8BC87F

 7AC86B

 9CC893

 6AC857

 ACC8A7

 59C843

 BDC8BB

 48C82F

 CEC8CF

 37C81B

 DFC8E3

 27C807

 EFC8F7

 21C800

 FFC8FF

# Harmonies

## Analogous

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



BABE67



8BC87F



50CEA6

# Triad

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



8BC87F



53C2FF



FF98A1

# Complementary

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



8BC87F



BC7FC8

# 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.



FE99CC



8BC87F



A3B4FF

# Square

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



8BC87F



00CBF5



DCA5F1



FEA27D

# Rectangle

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



8BC87F



00CFC3



DCA5F1



FF97AF

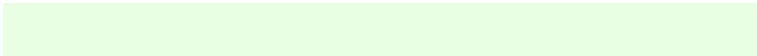


# Sweetspot

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



8BC87F



E8FFE3



C8BC7F



72806F



000000



808080

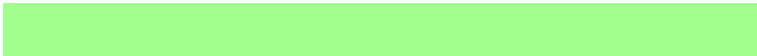


# Same Dimension

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



8BC87F



A1FF8F



7FC897



5B635A



1BA300



062400



# Inverse Universe

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



BC7FC8



ED8FFF



C87FB0



625A63



8800A3



1E0024



# Previews

## White Background



This preview shows how the Hex color 8BC87F 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 8BC87F looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

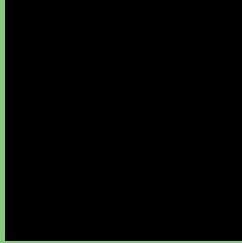
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8BC87F Background



This preview shows how black text looks on a background with the Hex color 8BC87F.

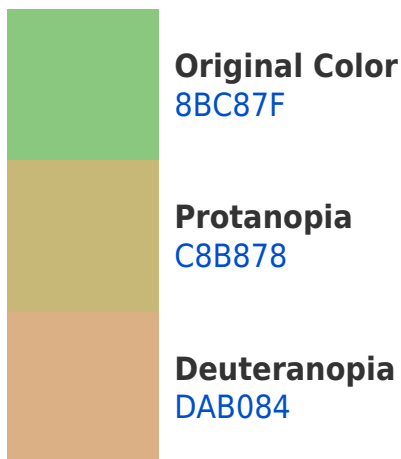


This preview shows how white text looks on a background with the Hex color 8BC87F.

# Color Blindness Simulation

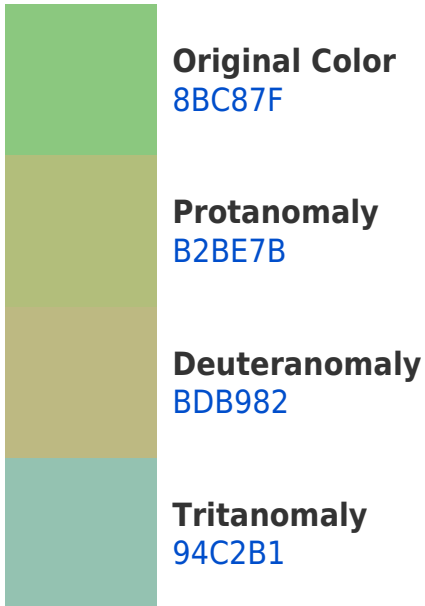
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

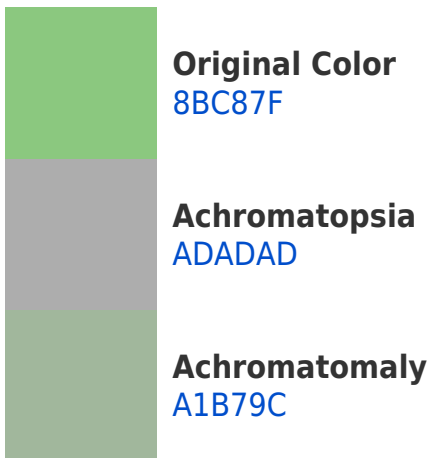




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8BC87F 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 #8BC87F looks like.

```
.text, #text, p{  
    color:#8BC87F  
}
```

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 #8BC87F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8BC87F
}
```

## Border

The CSS property to change the border of an element to Hex 8BC87F 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
#8BC87F }
```

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

```
.border{ border-color:#8BC87F }
```

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

Here you see how a box with a 4 pixel #8BC87F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8BC87F; -webkit-box-shadow:4px 4px  
4px 4px #8BC87F; box-shadow:4px 4px 4px  
4px #8BC87F }
```

# Background

The CSS property to change the background color of an element to Hex 8BC87F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8BC87F }
```

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

```
.background{ background-color:#8BC87F }
```

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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