

Converting Colors

Hex(8BC781)

Have a look what the booklet for
Hex(8BC781) contains.

Hex(8BC781)	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(8BC781)

Conversions

Conversions Part 1

Format	Color
Hex	8BC781
RGB	139, 199, 129
RGB Percent	55%, 78%, 51%
CMY	0.4549, 0.2196, 0.4941
CMYK	0.30, 0.00, 0.35, 0.22
HSL	111°, 38%, 64%
HSV	111°, 35%, 78%
XYZ	35.0333, 47.9208, 28.1721
YIQ	173.0800, -13.2900, -34.4900

Conversions

Conversions Part 2

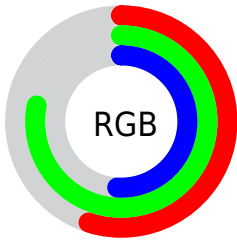
Format	Color
RYB	129, 199, 189
Decimal	9160577
CIELab	74.77, -32.78, 29.07
CIELCh	75, 43.807, 138.433
Yxy	47.9208, 0.3153, 0.4312
Android (android.graphics.Color)	4287350657 (0xFF8BC781)
YUV	173.0800, -21.7314, -29.8882
Hunter-Lab	69.2248, -30.8081, 24.3285

Details

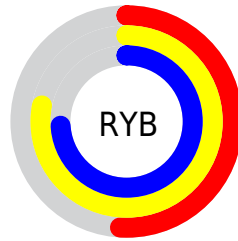
The Hex color **8BC781** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **BD81C7**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **C2FFB6**, and **56914F** is the 20% darker color. If you saturate the color by 10%, you get **7AC76D**, and if you desaturate by 10%, it is **9CC795**.

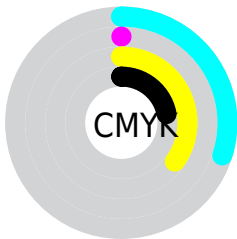
Distribution



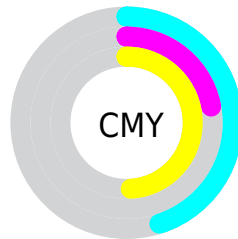
- Red (55%)
- Green (78%)
- Blue (51%)



- Red (51%)
- Yellow (78%)
- Blue (74%)



- Cyan (30%)
- Magenta (0%)
- Yellow (35%)
- Black (22%)



- Cyan (45%)
- Magenta (22%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8BC781 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 8BC781 by changing the saturation by 10% instead.

 8BC781

 8BC781

FFFFFF

 70AB67

 C2FFB6

 56914F

 DFFFD2

 3D7737

 FCFEF

 225E20

 024508

 002E00

 001900

 000000

 8BC781

 8BC781

 7AC76D

 9CC795

 69C759

 ADC7A9

 58C745

 BEC7BD

 47C731

 CFC7D1

 36C71E

 E0C7E5

 25C70A

 F1C7F8

 1CC700

 FFC7FF

Harmonies

Analogous

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



B9BD6A



8BC781



53CCA7

Triad

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



8BC781



5BC1FF



FF99A1

Complementary

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



8BC781



BD81C7

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.



FC9AC9



8BC781



A5B3FF

Square

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



8BC781



00C9F3



DBA4EE



FBA27D

Rectangle

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



8BC781



15CDC2



DBA4EE



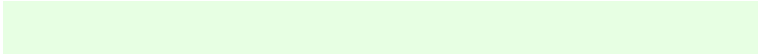
FF98AE

Sweetspot

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



8BC781



E7FFE3



C7BD81



71806F



000000



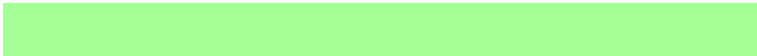
808080

Same Dimension

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



8BC781



A3FF94



81C79A



5B635A



17A300



052400

Inverse Universe

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



BD81C7



F094FF



C781AE



625A63



8C00A3



1F0024

Previews

White Background



This preview shows how the Hex color 8BC781 looks on a white background.

Color Contrast Check

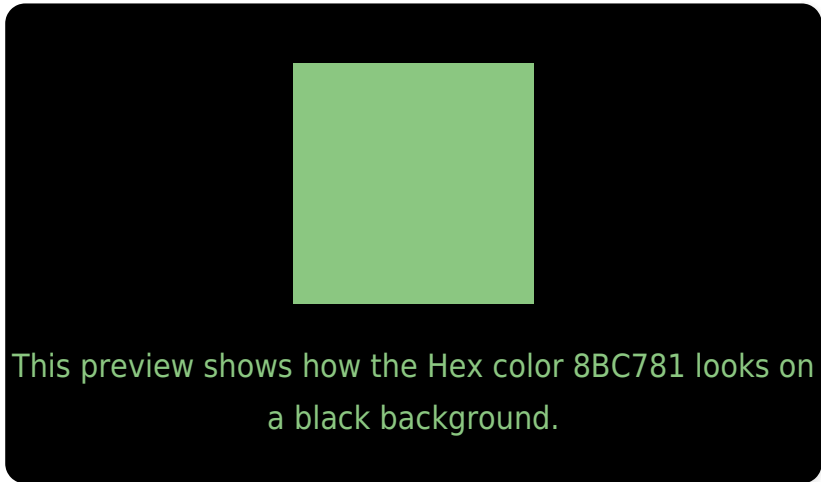
Large Text (above 18pt) WCAG AA × Fail

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 8BC781 Background



This preview shows how black text looks on a background with the Hex color 8BC781.

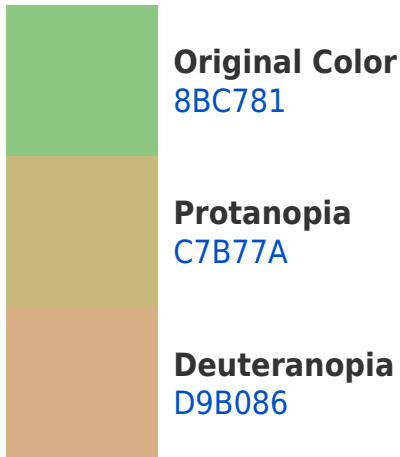


This preview shows how white text looks on a background with the Hex color 8BC781.

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
98BECD

Trichromacy



Original Color
8BC781



Protanomaly
B1BD7D



Deuteranomaly
BDB884



Tritanomaly
93C1B1

Monochromacy



Original Color
8BC781



Achromatopsia
ADADAD



Achromatomaly
A1B69D

CSS Examples

Text

The CSS property to change the color of the text to Hex 8BC781 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 #8BC781 looks like.

```
.text, #text, p{  
    color:#8BC781  
}
```

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 #8BC781 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8BC781
}
```

Border

The CSS property to change the border of an element to Hex 8BC781 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
#8BC781 }
```

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

```
.border{ border-color:#8BC781 }
```

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

Here you see how a box with a 4 pixel #8BC781 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8BC781; -webkit-box-shadow:4px 4px  
4px 4px #8BC781; box-shadow:4px 4px 4px  
4px #8BC781 }
```

Background

The CSS property to change the background color of an element to Hex 8BC781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8BC781 }
```

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

```
.background{ background-color:#8BC781 }
```

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