

Converting Colors

Hex(8BC6AF)

Have a look what the booklet for
Hex(8BC6AF) contains.

Hex(8BC6AF)	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(8BC6AF)

Conversions

Conversions Part 1

Format	Color
Hex	8BC6AF
RGB	139, 198, 175
RGB Percent	55%, 78%, 69%
CMY	0.4549, 0.2235, 0.3137
CMYK	0.30, 0.00, 0.12, 0.22
HSL	157°, 34%, 66%
HSV	157°, 30%, 78%
XYZ	38.5794, 48.9723, 47.9767
YIQ	177.7370, -27.7810, -19.6610

Conversions

Conversions Part 2

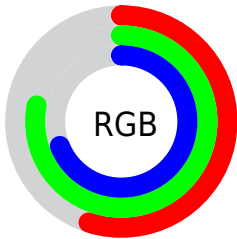
Format	Color
RYB	139, 176, 198
Decimal	9160367
CIELab	75.43, -23.91, 5.45
CIElCh	75, 24.522, 167.147
Yxy	48.9723, 0.2847, 0.3613
Android (android.graphics.Color)	4287350447 (0xFF8BC6AF)
YUV	177.7370, -1.3493, -33.9723
Hunter-Lab	69.9802, -24.0600, 8.3384

Details

The Hex color **8BC6AF** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C68BA2**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **C2FFE7**, and **57907B** is the 20% darker color. If you saturate the color by 10%, you get **77C6A7**, and if you desaturate by 10%, it is **9FC6B7**.

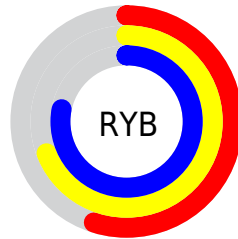
Distribution



Red (55%)

Green (78%)

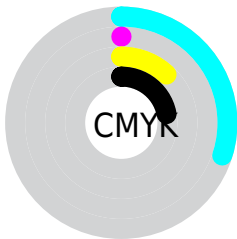
Blue (69%)



Red (55%)

Yellow (69%)

Blue (78%)

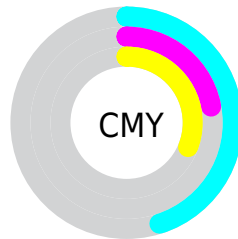


Cyan (30%)

Magenta (0%)

Yellow (12%)

Black (22%)



Cyan (45%)

Magenta (22%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8BC6AF 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 8BC6AF by changing the saturation by 10% instead.

 8BC6AF

FFFFFF

 C2FFE7

 DEFFFF

 FBFFFF

 8BC6AF

 71AB94

 57907B

 3D7662

 245D4A

 054533

 002E1E

 001C05

 000000

 8BC6AF

 8BC6AF

 77C6A7

 9FC6B7

 63C6A0

 B3C6BE

 50C698

 C6C6C6

 3CC690

 DAC6CE

 28C688

 EEC6D6

 14C681

 FFC6DD

 00C679

 FFC6E5

 FFC6ED

 FFC6F4

Harmonies

Analogous

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



A3C29B



8BC6AF



7BC7C6

Triad

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



8BC6AF



B1B7E5



E3AE9A

Complementary

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



8BC6AF



C68BA2

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.



E8AAAD



8BC6AF



CDB0D9

Square

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



8BC6AF



92BFE5



E1ABC5



D4B58E

Rectangle

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



8BC6AF



7AC5D4



E1ABC5



E6ACA0

Sweetspot

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



8BC6AF



E8FFF6



A3C68B



71807A



000000



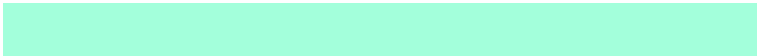
808080

Same Dimension

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



8BC6AF



A3FFDB



8BC0C6



5A6360



00A364



002416

Inverse Universe

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



C68BA2



FFA3C7



C6918B



635A5D



A30040



24000E

Previews

White Background



This preview shows how the Hex color 8BC6AF looks on a white background.

Color Contrast Check

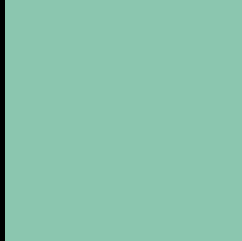
Large Text (above 18pt) WCAG AA × Fail

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 8BC6AF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

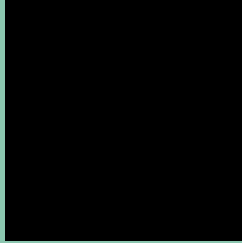
Any Text WCAG AA ✓ Pass

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 8BC6AF Background



This preview shows how black text looks on a background with the Hex color 8BC6AF.

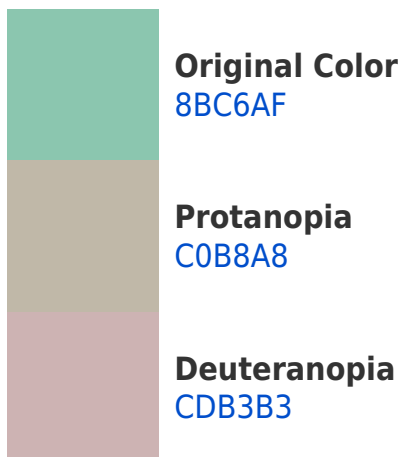


This preview shows how white text looks on a background with the Hex color 8BC6AF.

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](#).

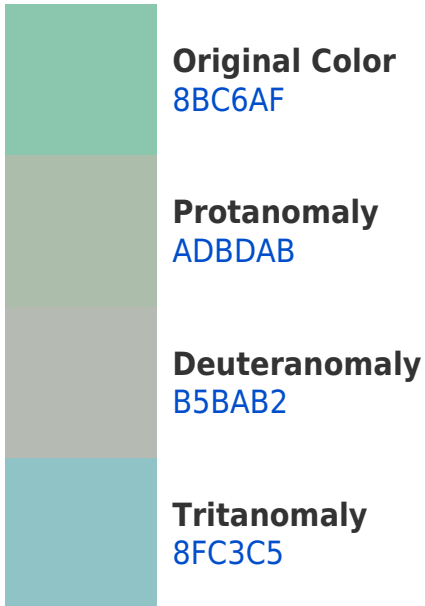
Dichromacy



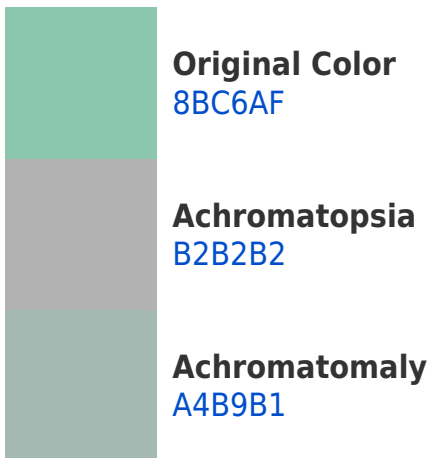


Tritanopia
92C1D1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8BC6AF 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 #8BC6AF looks like.

```
.text, #text, p{  
    color:#8BC6AF  
}
```

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 #8BC6AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8BC6AF
}
```

Border

The CSS property to change the border of an element to Hex 8BC6AF 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
#8BC6AF }
```

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

```
.border{ border-color:#8BC6AF }
```

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

Here you see how a box with a 4 pixel #8BC6AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8BC6AF; -webkit-box-shadow:4px 4px  
4px 4px #8BC6AF; box-shadow:4px 4px 4px  
4px #8BC6AF }
```

Background

The CSS property to change the background color of an element to Hex 8BC6AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8BC6AF }
```

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

```
.background{ background-color:#8BC6AF }
```

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