

# Converting Colors

Hex(8BC5AB)

Have a look what the booklet for  
Hex(8BC5AB) contains.

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# Color

**Hex(8BC5AB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8BC5AB
RGB	139, 197, 171
RGB Percent	55%, 77%, 67%
CMY	0.4549, 0.2275, 0.3294
CMYK	0.29, 0.00, 0.13, 0.23
HSL	153°, 33%, 66%
HSV	153°, 29%, 77%
XYZ	37.9644, 48.3617, 45.8619
YIQ	176.6940, -26.2220, -20.3820

# Conversions

## Conversions Part 2

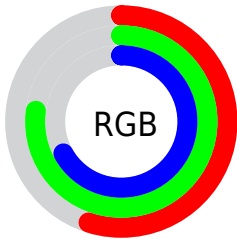
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">139, 176, 197</a>
Decimal	<a href="#">9160107</a>
CIELab	<a href="#">75.05, -24.24, 7.07</a>
CIELCh	<a href="#">75, 25.249, 163.747</a>
Yxy	<a href="#">48.3617, 0.2872, 0.3659</a>
Android (android.graphics.Color)	<a href="#">4287350187 (0xFF8BC5AB)</a>
YUV	<a href="#">176.6940, -2.8071, -33.0576</a>
Hunter-Lab	<a href="#">69.5426, -24.2536, 9.5793</a>

# Details

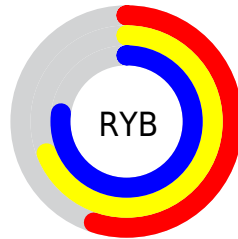
The Hex color **8BC5AB** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **C58BA5**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **C2FEE2**, and **578F77** is the 20% darker color. If you saturate the color by 10%, you get **77C5A2**, and if you desaturate by 10%, it is **9FC5B4**.

# Distribution



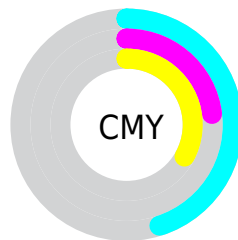
- Red (55%)
- Green (77%)
- Blue (67%)



- Red (55%)
- Yellow (69%)
- Blue (77%)



- Cyan (29%)
- Magenta (0%)
- Yellow (13%)
- Black (23%)



- Cyan (45%)
- Magenta (23%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8BC5AB 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 8BC5AB by changing the saturation by 10% instead.





8BC5AB



8BC5AB

FFFFFF



71AA90



C2FEE2



578F77



DEFFFF



3E755E



FBFFFF



245C46



074430



002E1B



001A00



000000



8BC5AB



8BC5AB

 77C5A2

 9FC5B4

 64C599

 B2C5BD

 50C591

 C6C5C5

 3CC588

 DAC5CE

 28C57F

 EEC5D7

 15C576

 FFC5E0

 01C56D

 FFC5E9

 00C56D

 FFC5F2

 FFC5FA

# Harmonies

## Analogous

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



A5C197



8BC5AB



79C6C3

# Triad

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



8BC5AB



ABB7E6



E4AC9A

# Complementary

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



8BC5AB



C58BA5

# 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.



E8A8AF



8BC5AB



CAAFDA

# Square

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



8BC5AB



8CBFE5



DFA9C6



D6B38D

# Rectangle

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



8BC5AB



76C5D2



DFA9C6



E7AAA0

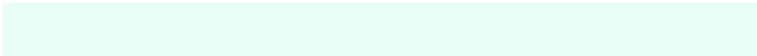


# Sweetspot

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



8BC5AB



E8FFF5



A5C58B



718079



000000



808080

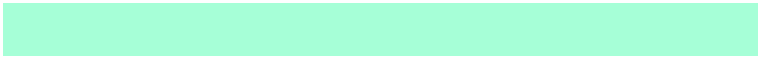


# Same Dimension

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



8BC5AB



A6FFD7



8BC2C5



5A635F



00A35A



002414



# Inverse Universe

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



C58BA5



FFA6CE



C58E8B



635A5E



A30049

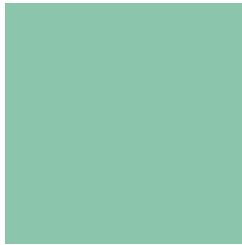


240010



# Previews

## White Background



This preview shows how the Hex color 8BC5AB looks on a white background.

## Color Contrast Check

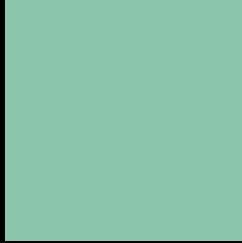
Large Text (above 18pt) WCAG AA × Fail

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 8BC5AB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

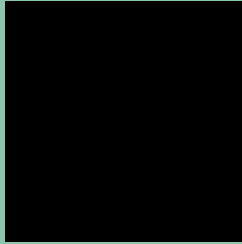
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8BC5AB Background



This preview shows how black text looks on a background with the Hex color 8BC5AB.

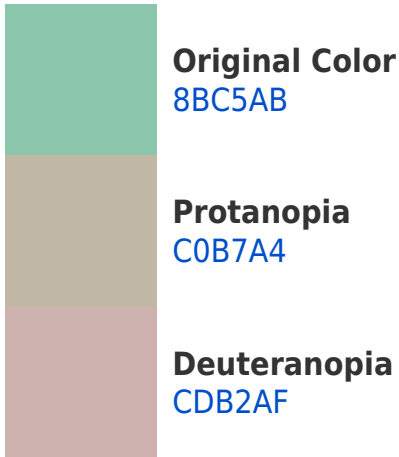


This preview shows how white text looks on a background with the Hex color 8BC5AB.

# 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](#).

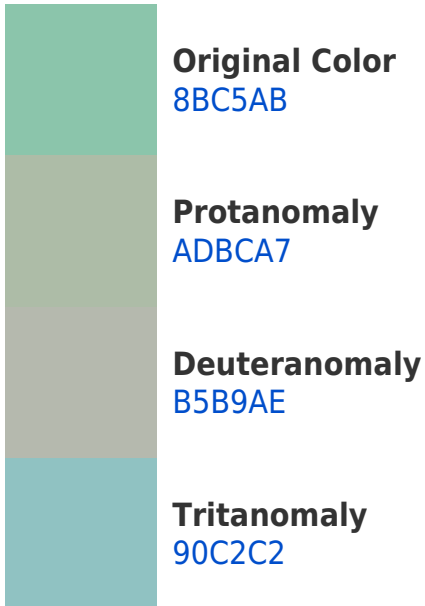
## Dichromacy



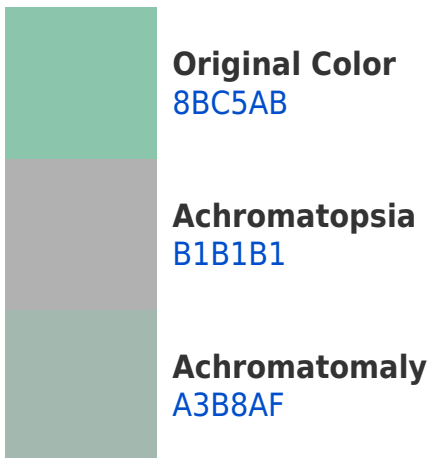


**Tritanopia**  
93C0CF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8BC5AB 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 #8BC5AB looks like.

```
.text, #text, p{  
    color:#8BC5AB  
}
```

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 #8BC5AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8BC5AB
}
```

## Border

The CSS property to change the border of an element to Hex 8BC5AB 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
#8BC5AB }
```

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

```
.border{ border-color:#8BC5AB }
```

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

Here you see how a box with a 4 pixel #8BC5AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8BC5AB; -webkit-box-shadow:4px 4px  
4px 4px #8BC5AB; box-shadow:4px 4px 4px  
4px #8BC5AB }
```

# Background

The CSS property to change the background color of an element to Hex 8BC5AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8BC5AB }
```

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

```
.background{ background-color:#8BC5AB }
```

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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