

# Converting Colors

Hex(8AC17B)

Have a look what the booklet for  
Hex(8AC17B) contains.

<b>Hex(8AC17B)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(8AC17B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8AC17B
RGB	138, 193, 123
RGB Percent	54%, 76%, 48%
CMY	0.4588, 0.2431, 0.5176
CMYK	0.28, 0.00, 0.36, 0.24
HSL	107°, 36%, 62%
HSV	107°, 36%, 76%
XYZ	33.1263, 44.9733, 25.6737
YIQ	168.5750, -10.3100, -33.4300

# Conversions

## Conversions Part 2

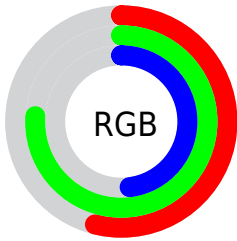
Format	Color
<a href="#">RYB</a>	<a href="#">123, 193, 178</a>
Decimal	<a href="#">9093499</a>
CIELab	<a href="#">72.87, -31.21, 29.67</a>
CIELCh	<a href="#">73, 43.064, 136.445</a>
Yxy	<a href="#">44.9733, 0.3192, 0.4334</a>
Android (android.graphics.Color)	<a href="#">4287283579</a> ( <a href="#">0xFF8AC17B</a> )
YUV	<a href="#">168.5750, -22.4685, -26.8143</a>
Hunter-Lab	<a href="#">67.0621, -29.1859, 24.2452</a>

# Details

The Hex color **8AC17B** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **B27BC1**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **C1FAB0**, and **568B49** is the 20% darker color. If you saturate the color by 10%, you get **7BC168**, and if you desaturate by 10%, it is **99C18E**.

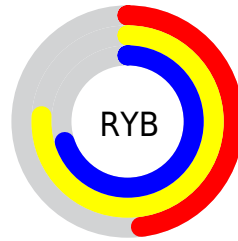
# Distribution



Red (54%)

Green (76%)

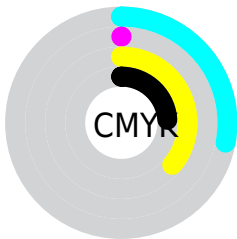
Blue (48%)



Red (48%)

Yellow (76%)

Blue (70%)

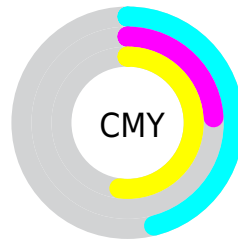


Cyan (28%)

Magenta (0%)

Yellow (36%)

Black (24%)



Cyan (46%)

Magenta (24%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8AC17B 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 8AC17B by changing the saturation by 10% instead.





8AC17B



8AC17B

FFFFFF



70A662



C1FAB0



568B49



DFFFCC



3C7132



FAFFE8



22581A



044102



002A00



001200



000000



8AC17B



8AC17B

 7BC168

 99C18E

 6CC154

 A8C1A2

 5DC141

 B7C1B5

 4DC12E

 C7C1C8

 3EC11B

 D6C1DC

 2FC107

 E5C1EF

 29C100

 F4C1FF

 FFC1FF

# Harmonies

## Analogous

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



B6B766



8AC17B



54C69F

# Triad

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



8AC17B



52BCFF



FF949E

# Complementary

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



8AC17B



B27BC1

# 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.



F496C6



8AC17B



9CAFFE

# Square

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



8AC17B



00C4EB



D2A1E9



F69D7B

# Rectangle

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



8AC17B



1CC8BA



D2A1E9



FE93AC



# Sweetspot

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



8AC17B



E4FADE



C1B27B



707D6D



FCFCFC



7D7D7D

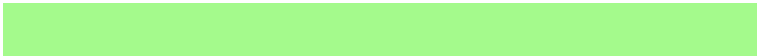


# Same Dimension

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



8AC17B



A4FA8C



7BC18F



596157



22A100



072100



# Inverse Universe

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



B27BC1



E28CFA



C17BAD



5F5761



7E00A1



1A0021



# Previews

## White Background



This preview shows how the Hex color 8AC17B looks on a white background.

## Color Contrast Check

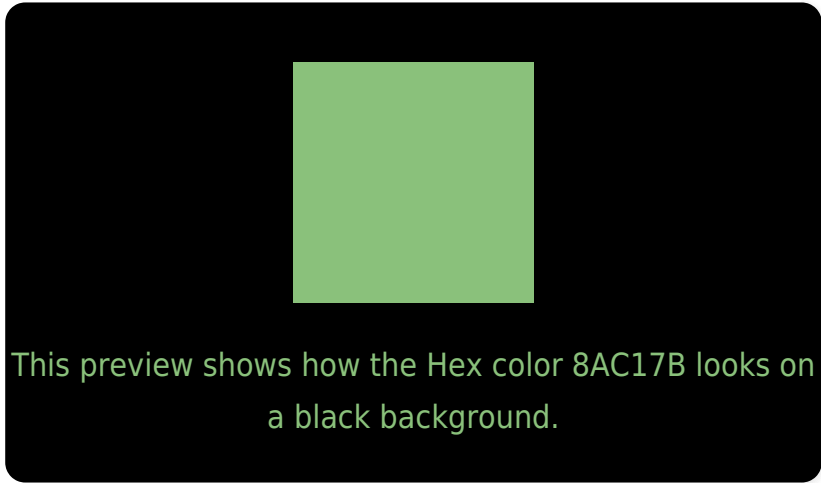
Large Text (above 18pt) WCAG AA × Fail

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 8AC17B Background



This preview shows how black text looks on a background with the Hex color 8AC17B.

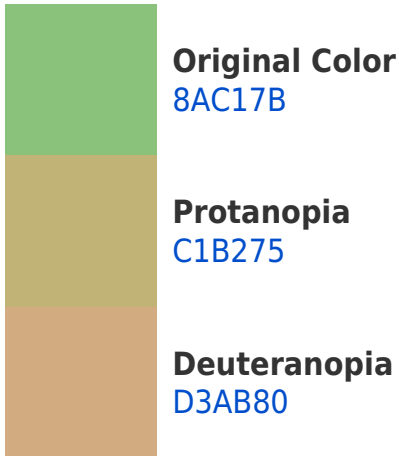


This preview shows how white text looks on a background with the Hex color 8AC17B.

# 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](#).

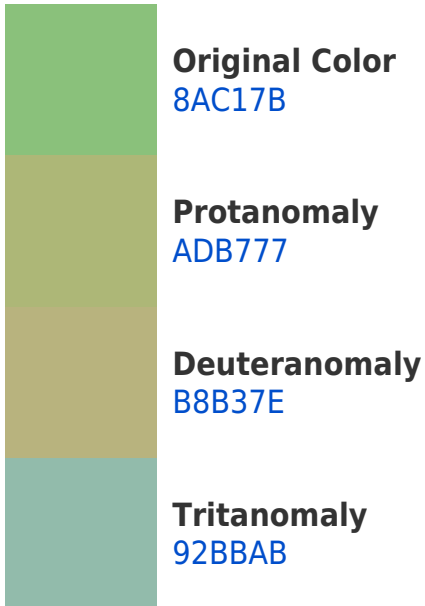
## Dichromacy



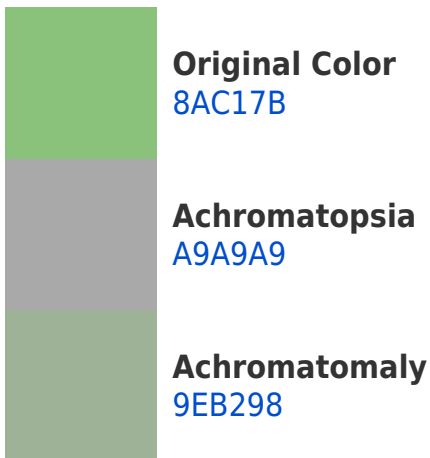


**Tritanopia**  
97B8C6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8AC17B 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 #8AC17B looks like.

```
.text, #text, p{  
    color:#8AC17B  
}
```

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 #8AC17B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8AC17B
}
```

## Border

The CSS property to change the border of an element to Hex 8AC17B 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
#8AC17B }
```

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

```
.border{ border-color:#8AC17B }
```

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

Here you see how a box with a 4 pixel #8AC17B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8AC17B; -webkit-box-shadow:4px 4px  
4px 4px #8AC17B; box-shadow:4px 4px 4px  
4px #8AC17B }
```

# Background

The CSS property to change the background color of an element to Hex 8AC17B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8AC17B }
```

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

```
.background{ background-color:#8AC17B }
```

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