

# Converting Colors

Hex(8BACAA)

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

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# **Color**

**Hex(8BACAA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8BACAA
RGB	139, 172, 170
RGB Percent	55%, 67%, 67%
CMY	0.4549, 0.3255, 0.3333
CMYK	0.19, 0.00, 0.01, 0.33
HSL	176°, 17%, 61%
HSV	176°, 19%, 67%
XYZ	32.6557, 37.8963, 43.6238
YIQ	161.9050, -19.0260, -7.6180

# Conversions

## Conversions Part 2

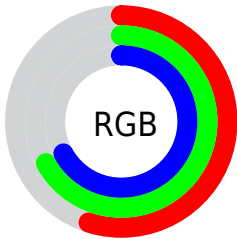
<b>Format</b>	<b>Color</b>
<b>RYB</b>	139, 156, 172
Decimal	9153706
CIELab	67.94, -11.63, -2.71
CIELCh	68, 11.944, 193.112
Yxy	37.8963, 0.2860, 0.3319
Android (android.graphics.Color)	4287343786 (0xFF8BACAA)
YUV	161.9050, 3.9908, -20.0877
Hunter-Lab	61.5600, -13.0411, 1.0768

# Details

The Hex color **8BACAA** is a light color, and the websafe version is hex **669999**. A complement of this color would be **AC8B8D**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **C1E3E1**, and **587876** is the 20% darker color. If you saturate the color by 10%, you get **7AACA9**, and if you desaturate by 10%, it is **9CACAB**.

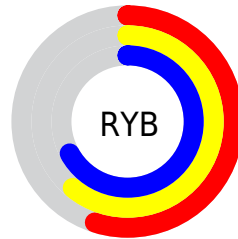
# Distribution



Red (55%)

Green (67%)

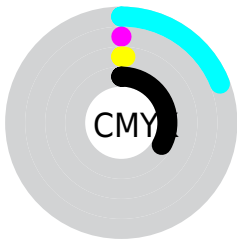
Blue (67%)



Red (55%)

Yellow (61%)

Blue (67%)

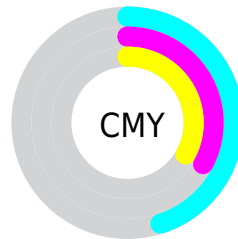


Cyan (19%)

Magenta (0%)

Yellow (1%)

Black (33%)



Cyan (45%)

Magenta (33%)

Yellow (33%)

# Brightness & Saturation Gradients

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





8BACAA



8BACAA

FFFFFF



719190



C1E3E1



587876



DDEFFE



405F5D



FAFFFF



294746



12312F



001C1B



000000



8BACAA



8BACAA



7AACA9



9CACAB

69ACA8

ADACAC

57ACA7

BFACAD

46ACA6

D0ACAE

35ACA5

E1ACAF

24ACA4

F2ACB0

13ACA3

FFACB1

01ACA2

FFACB2

00ACA2

FFACB3

# Harmonies

## Analogous

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



92AB9F



8BACAA



8BABB4

# Triad

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



8BACAA



ADA1B5



B4A391

# Complementary

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



8BACAA



AC8B8D

# 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.



BBA097



8BACAA



B89FAC

# Square

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



8BACAA



A0A5BA



BD9EA1



A9A691

# Rectangle

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



8BACAA



90A9B8



BD9EA1



B7A293



# Sweetspot

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



8BACAA



D3E0E0



8DAC8B



687070



F0F0F0



707070



# Same Dimension

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



8BACAA



ADE0DD



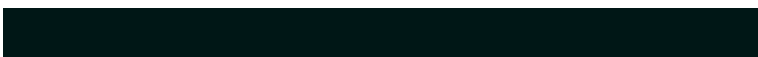
8B9EAC



4E5756



00968D



001716



# Inverse Universe

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



AC8B8D



E0ADB0



AC998B



574E4F



960009



170001



# Previews

## White Background



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

## Color Contrast Check

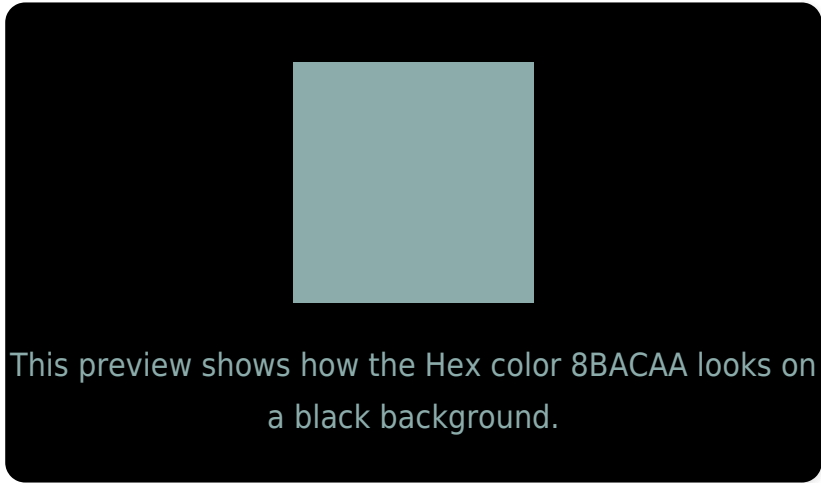
Large Text (above 18pt) WCAG AA × Fail

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

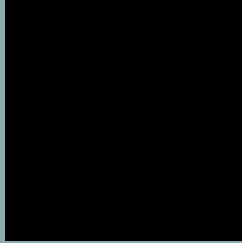
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8BACAA Background



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

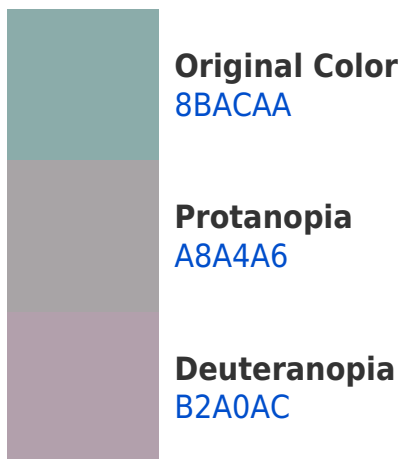


This preview shows how white text looks on a background with the Hex color 8BACAA.

# 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](#).

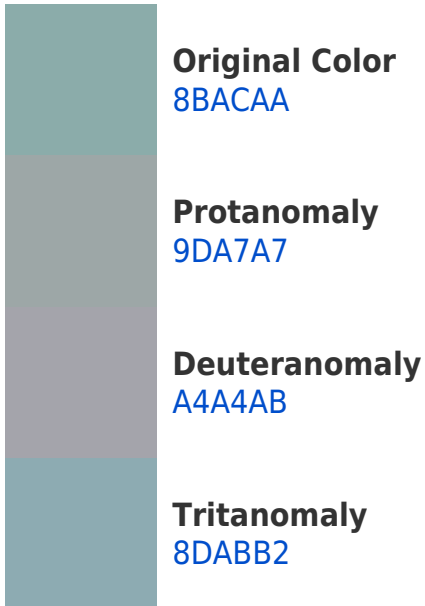
## Dichromacy



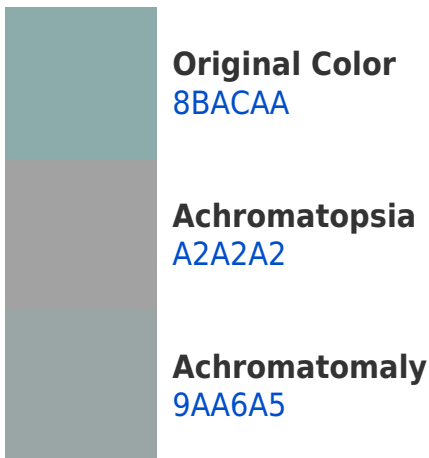


**Tritanopia**  
8EAAB7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #8BACAA colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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