

# Converting Colors

Hex(8BCAC5)

Have a look what the booklet for  
Hex(8BCAC5) contains.

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# **Color**

**Hex(8BCAC5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8BCAC5
RGB	139, 202, 197
RGB Percent	55%, 79%, 77%
CMY	0.4549, 0.2078, 0.2275
CMYK	0.31, 0.00, 0.02, 0.21
HSL	175°, 37%, 67%
HSV	175°, 31%, 79%
XYZ	41.8460, 51.7612, 60.6087
YIQ	182.5930, -35.9430, -14.9110

# Conversions

## Conversions Part 2

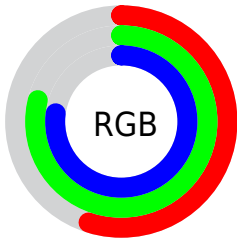
<b>Format</b>	<b>Color</b>
<b>RYB</b>	139, 172, 202
Decimal	9161413
CIELab	77.14, -21.08, -3.94
CIElCh	77, 21.449, 190.581
Yxy	51.7612, 0.2713, 0.3356
Android (android.graphics.Color)	4287351493 (0xFF8BCAC5)
YUV	182.5930, 7.1027, -38.2311
Hunter-Lab	71.9453, -22.0821, 0.4141

# Details

The Hex color **8BCAC5** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **CA8B90**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **C2FFFE**, and **56948F** is the 20% darker color. If you saturate the color by 10%, you get **77CAC3**, and if you desaturate by 10%, it is **9FCAC7**.

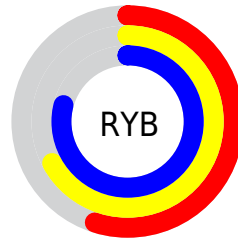
# Distribution



Red (55%)

Green (79%)

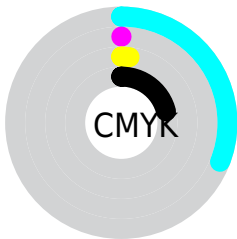
Blue (77%)



Red (55%)

Yellow (67%)

Blue (79%)

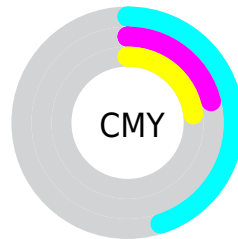


Cyan (31%)

Magenta (0%)

Yellow (2%)

Black (21%)



Cyan (45%)

Magenta (21%)

Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8BCAC5 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 8BCAC5 by changing the saturation by 10% instead.





8BCAC5



8BCAC5

FFFFFF



70AFAA



C2FFFE



56948F



DFFFFFF



3C7A76



FCFFFF



20615D



004946



00322F



001E1A



000000



8BCAC5



8BCAC5

 77CAC3

 9FCAC7

 63CAC2

 B3CAC8

 4ECAC0

 C8CACA

 3ACABF

 DCCACB

 26CABD

 F0CACD

 12CABB

 FFCACF

 00CABA

 FFCAD0

 FFCAD2

 FFCAD3

# Harmonies

## Analogous

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



9AC9B1



8BCAC5



89C8D8

# Triad

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



8BCAC5



CBB7DD



D9B99A

# Complementary

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



8BCAC5



CA8B90

# 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.



E5B3A6



8BCAC5



DEB2CC

# Square

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



8BCAC5



B1BEE5



E7B0B8



C7BF97

# Rectangle

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



8BCAC5



92C6E0



E7B0B8



DEB79D



# Sweetspot

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



8BCAC5



E8FFFD



90CA8B



71807E



000000



808080



# Same Dimension

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



8BCAC5



A1FFF8



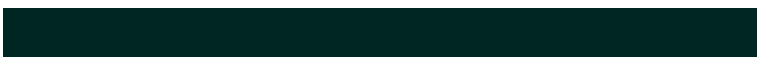
8BB0CA



5C6665



00A699



002623



# Inverse Universe

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



CA8B90



FFA1A8



CAA58B



665C5D



A6000D

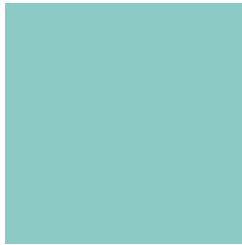


260003



# Previews

## White Background



This preview shows how the Hex color 8BCAC5 looks on a white background.

## Color Contrast Check

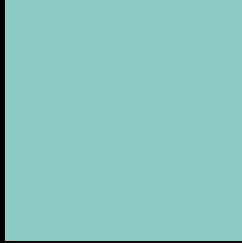
Large Text (above 18pt) WCAG AA × Fail

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 8BCAC5 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

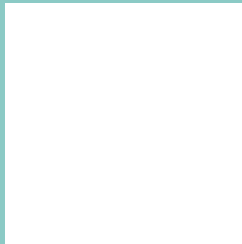
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8BCAC5 Background



This preview shows how black text looks on a background with the Hex color 8BCAC5.

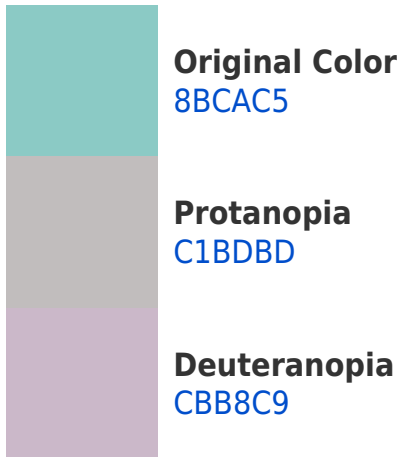


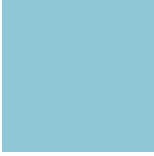
This preview shows how white text looks on a background with the Hex color 8BCAC5.

# 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](#).

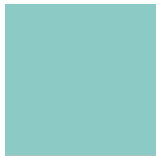
## Dichromacy





**Tritanopia**  
8FC7D7

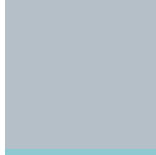
# Trichromacy



**Original Color**  
8BCAC5



**Protanomaly**  
ADC2C0



**Deuteranomaly**  
B4BFC8

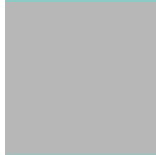


**Tritanomaly**  
8EC8D0

# Monochromacy



**Original Color**  
8BCAC5



**Achromatopsia**  
B7B7B7



**Achromatomaly**  
A7BEBC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8BCAC5 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 #8BCAC5 looks like.

```
.text, #text, p{  
    color:#8BCAC5  
}
```

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 #8BCAC5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8BCAC5  
}
```

## Border

The CSS property to change the border of an element to Hex 8BCAC5 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  
#8BCAC5 }
```

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

```
.border{ border-color:#8BCAC5 }
```

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

Here you see how a box with a 4 pixel #8BCAC5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8BCAC5; -webkit-box-shadow:4px 4px  
4px 4px #8BCAC5; box-shadow:4px 4px 4px  
4px #8BCAC5 }
```

# Background

The CSS property to change the background color of an element to Hex 8BCAC5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8BCAC5 }
```

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

```
.background{ background-color:#8BCAC5 }
```

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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