

# Converting Colors

Hex(89BCA1)

Have a look what the booklet for  
Hex(89BCA1) contains.

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# **Color**

**Hex(89BCA1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	89BCA1
RGB	137, 188, 161
RGB Percent	54%, 74%, 63%
CMY	0.4627, 0.2627, 0.3686
CMYK	0.27, 0.00, 0.14, 0.26
HSL	148°, 28%, 64%
HSV	148°, 27%, 74%
XYZ	34.7328, 43.8580, 40.3530
YIQ	169.6730, -21.7290, -19.2090

# Conversions

## Conversions Part 2

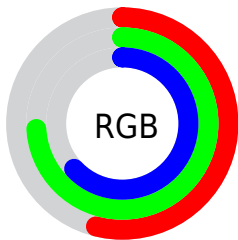
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">137, 172, 188</a>
Decimal	<a href="#">9026721</a>
CIELab	<a href="#">72.13, -22.42, 8.29</a>
CIELCh	<a href="#">72, 23.903, 159.696</a>
Yxy	<a href="#">43.8580, 0.2920, 0.3687</a>
Android (android.graphics.Color)	<a href="#">4287216801 (0xFF89BCA1)</a>
YUV	<a href="#">169.6730, -4.2758, -28.6542</a>
Hunter-Lab	<a href="#">66.2254, -22.2778, 10.2307</a>

# Details

The Hex color **89BCA1** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **BC89A4**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **BFF4D8**, and **56876D** is the 20% darker color. If you saturate the color by 10%, you get **76BC97**, and if you desaturate by 10%, it is **9CBCAB**.

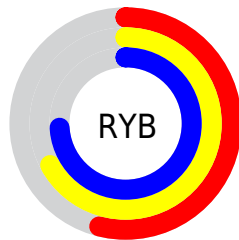
# Distribution



Red (54%)

Green (74%)

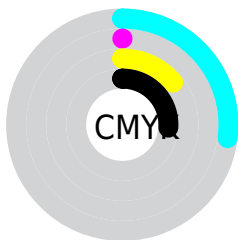
Blue (63%)



Red (54%)

Yellow (67%)

Blue (74%)

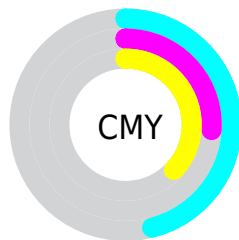


Cyan (27%)

Magenta (0%)

Yellow (14%)

Black (26%)



Cyan (46%)

Magenta (26%)

Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 89BCA1 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 89BCA1 by changing the saturation by 10% instead.



 89BCA1

 89BCA1

FFFFFF

 6FA187

 BFF4D8

 56876D

 DCFFF4

 3D6D55

 F8FFFF

 24543E

 0A3D28

 002714

 000E00

 000000

 89BCA1

 89BCA1

 76BC97

 9CBCAB

 63BC8D

 AFBCB5

 51BC83

 C1BCBF

 3EBC79

 D4BCC9

 2BBC6F

 E7BCD3

 18BC65

 FABCDD

 05BC5B

 FFBC E7

 00BC58

 FFBC F1

 FFBC FB

# Harmonies

## Analogous

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



A1B88F



89BCA1



77BDB7

# Triad

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



89BCA1



A0B0DC



DBA496

# Complementary

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



89BCA1



BC89A4

# 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.



DDA1AA



89BCA1



BDA9D2

# Square

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



89BCA1



84B7D9



D3A3C0



CEAA88

# Rectangle

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



89BCA1



72BDC6



D3A3C0



DDA39C



# Sweetspot

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



89BCA1



E1F5EA



A4BC89



6E7A74



FAFAFA



7A7A7A

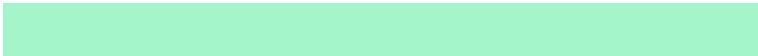


# Same Dimension

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



89BCA1



A4F5CA



89BCBA



555E59



009E4A



001F0E



# Inverse Universe

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



BC89A4



F5A4CF



BC898B



5E555A



9E0054

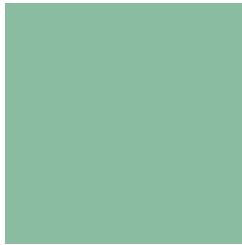


1F0010



# Previews

## White Background



This preview shows how the Hex color 89BCA1 looks on a white background.

## Color Contrast Check

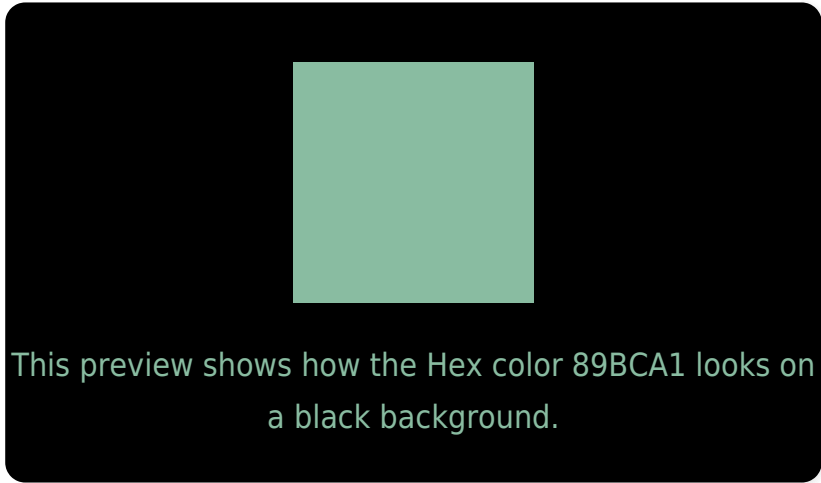
Large Text (above 18pt) WCAG AA × Fail

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

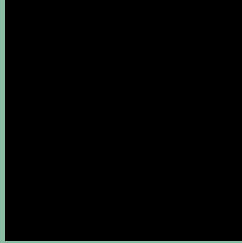
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 89BCA1 Background



This preview shows how black text looks on a background with the Hex color 89BCA1.

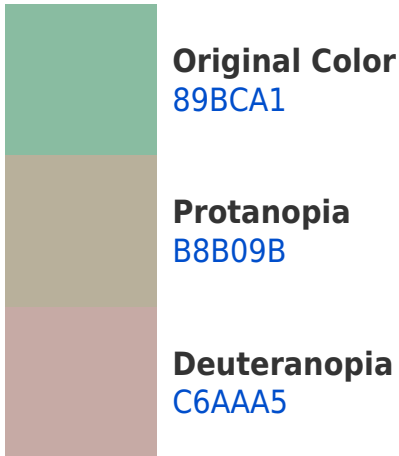


This preview shows how white text looks on a background with the Hex color 89BCA1.

# 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](#).

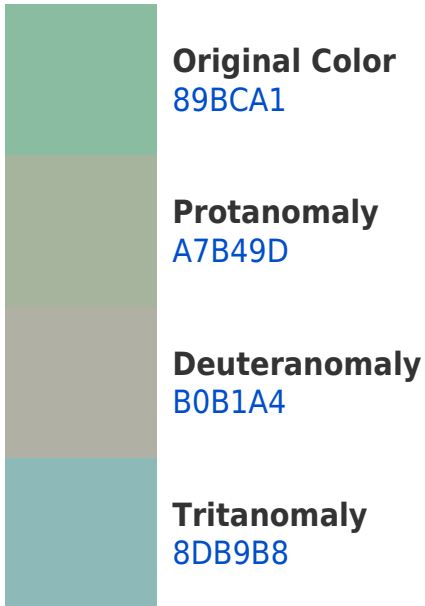
## Dichromacy



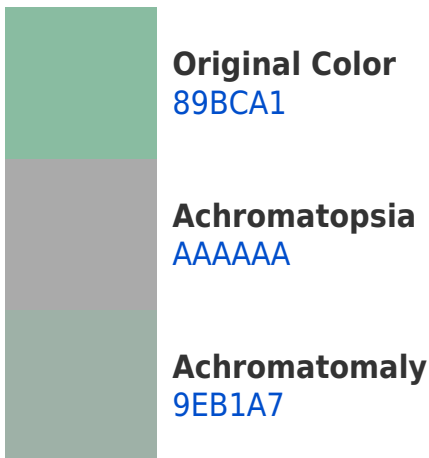


**Tritanopia**  
90B7C5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 89BCA1 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 #89BCA1 looks like.

```
.text, #text, p{  
    color:#89BCA1  
}
```

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 #89BCA1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89BCA1
}
```

## Border

The CSS property to change the border of an element to Hex 89BCA1 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
#89BCA1 }
```

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

```
.border{ border-color:#89BCA1 }
```

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

Here you see how a box with a 4 pixel #89BCA1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89BCA1; -webkit-box-shadow:4px 4px  
4px 4px #89BCA1; box-shadow:4px 4px 4px  
4px #89BCA1 }
```

# Background

The CSS property to change the background color of an element to Hex 89BCA1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89BCA1 }
```

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

```
.background{ background-color:#89BCA1 }
```

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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