

Converting Colors

Hex(89CBA6)

Have a look what the booklet for
Hex(89CBA6) contains.

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Color

Hex(89CBA6)

Conversions

Conversions Part 1

Format	Color
Hex	89CBA6
RGB	137, 203, 166
RGB Percent	54%, 80%, 65%
CMY	0.4627, 0.2039, 0.3490
CMYK	0.33, 0.00, 0.18, 0.20
HSL	146°, 39%, 67%
HSV	146°, 33%, 80%
XYZ	38.5554, 50.7834, 43.8465
YIQ	179.0480, -27.4590, -25.4990

Conversions

Conversions Part 2

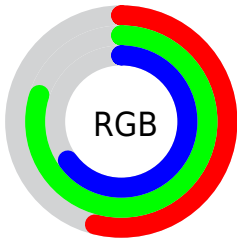
Format	Color
RYB	137, 183, 203
Decimal	9030566
CIELab	76.55, -28.78, 11.87
CIElCh	77, 31.137, 157.583
Yxy	50.7834, 0.2895, 0.3813
Android (android.graphics.Color)	4287220646 (0xFF89CBA6)
YUV	179.0480, -6.4327, -36.8761
Hunter-Lab	71.2625, -28.1348, 13.4037

Details

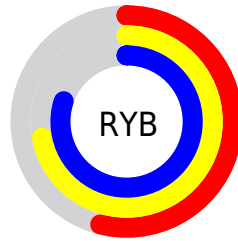
The Hex color **89CBA6** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **CB89AE**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **C0FFDD**, and **549572** is the 20% darker color. If you saturate the color by 10%, you get **75CB9B**, and if you desaturate by 10%, it is **9DCBB1**.

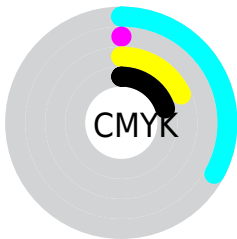
Distribution



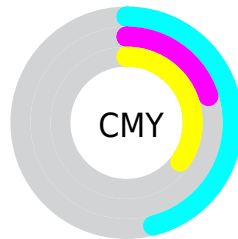
- Red (54%)
- Green (80%)
- Blue (65%)



- Red (54%)
- Yellow (72%)
- Blue (80%)



- Cyan (33%)
- Magenta (0%)
- Yellow (18%)
- Black (20%)



- Cyan (46%)
- Magenta (20%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89CBA6 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 89CBA6 by changing the saturation by 10% instead.



89CBA6



89CBA6

FFFFFF



6EAF8C



C0FFDD



549572



DCFFFA



3B7A5A



F9FFFF



206142



00492C



003217



001F00



000000



89CBA6



89CBA6

 75CB9B

 9DCBB1

 60CB8F

 B2CBBD

 4CCB84

 C6CBC8

 38CB78

 DACBD4

 24CB6D

 EFCBDF

 0FCB62

 FFCBEA

 00CB59

 FFCBF6

 FFCBFF

Harmonies

Analogous

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



AAC68F



89CBA6



6CCDC3

Triad

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



89CBA6



A2BDF6



F4AB9B

Complementary

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



89CBA6



CB89AE

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.



F6A7B6



89CBA6



CAB3EB

Square

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



89CBA6



7AC6F1



E8ABD3



E4B488

Rectangle

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



89CBA6



62CCD6



E8ABD3



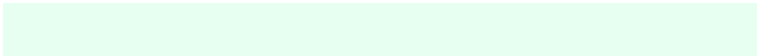
F6A9A4

Sweetspot

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



89CBA6



E6FFF1



AECB89



708077



000000



808080

Same Dimension

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



89CBA6



9CFFC7



89CBC7



5C6660



00A649



002611

Inverse Universe

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



CB89AE



FF9CD3



CB898D



665C62



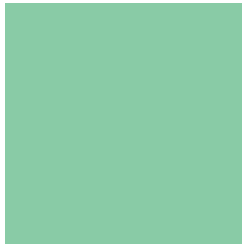
A6005D



260015

Previews

White Background



This preview shows how the Hex color 89CBA6 looks on a white background.

Color Contrast Check

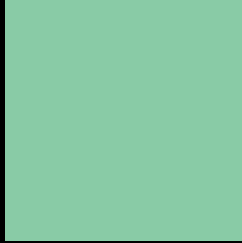
Large Text (above 18pt) WCAG AA × Fail

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 89CBA6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

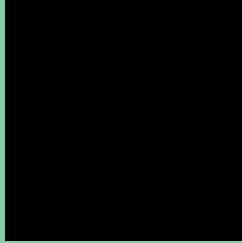
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

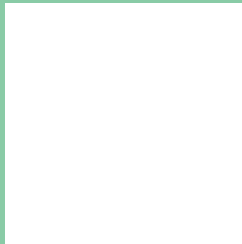
Any Text WCAG AAA ✓ Pass

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

Hex 89CBA6 Background



This preview shows how black text looks on a background with the Hex color 89CBA6.



This preview shows how white text looks on a background with the Hex color 89CBA6.

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](#).

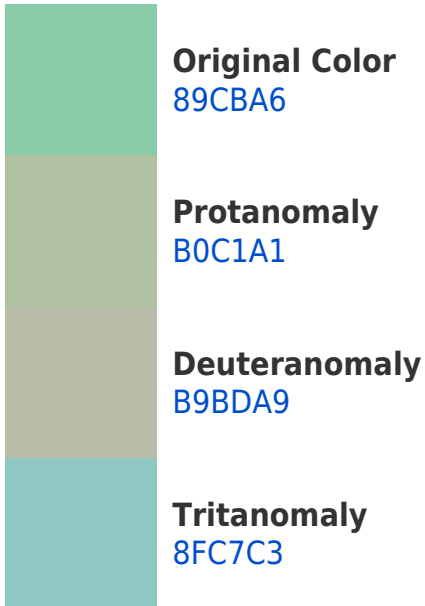
Dichromacy



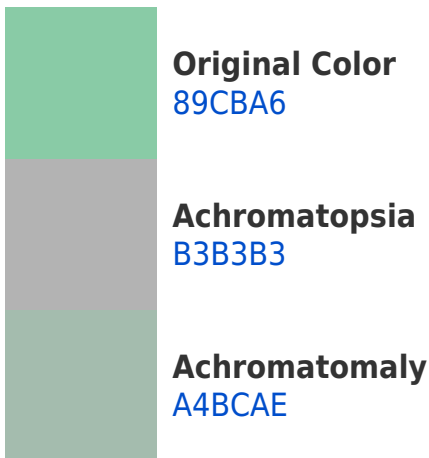


Tritanopia
93C5D4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 89CBA6 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 #89CBA6 looks like.

```
.text, #text, p{  
    color:#89CBA6  
}
```

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 #89CBA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89CBA6
}
```

Border

The CSS property to change the border of an element to Hex 89CBA6 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
#89CBA6 }
```

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

```
.border{ border-color:#89CBA6 }
```

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

Here you see how a box with a 4 pixel #89CBA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89CBA6; -webkit-box-shadow:4px 4px  
4px 4px #89CBA6; box-shadow:4px 4px 4px  
4px #89CBA6 }
```

Background

The CSS property to change the background color of an element to Hex 89CBA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89CBA6 }
```

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

```
.background{ background-color:#89CBA6 }
```

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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