

Converting Colors

Hex(89CA8B)

Have a look what the booklet for
Hex(89CA8B) contains.

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Color

Hex(89CA8B)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 89CA8B |
| RGB | 137, 202, 139 |
| RGB Percent | 54%, 79%, 55% |
| CMY | 0.4627, 0.2078, 0.4549 |
| CMYK | 0.32, 0.00, 0.31, 0.21 |
| HSL | 122°, 38%, 66% |
| HSV | 122°, 32%, 79% |
| XYZ | 36.0973, 49.4235, 32.0633 |
| YIQ | 175.3830, -18.5170, -33.3730 |

Conversions

Conversions Part 2

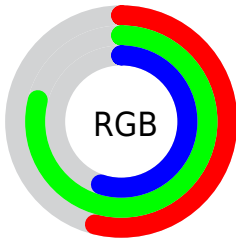
| Format | Color |
|-------------------------------------|--|
| RYB | 137, 200, 202 |
| Decimal | 9030283 |
| CIELab | 75.71, -33.23, 25.07 |
| CIElCh | 76, 41.625, 142.970 |
| Yxy | 49.4235, 0.3070, 0.4203 |
| Android (android.graphics.Color) | 4287220363 (0xFF89CA8B) |
| YUV | 175.3830, -17.9368, -33.6619 |
| Hunter-Lab | 70.3019, -31.3755, 22.1703 |

Details

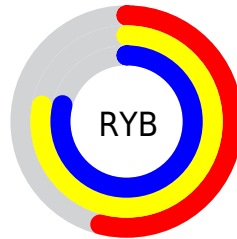
The Hex color **89CA8B** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **CA89C8**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **C0FFC1**, and **549358** is the 20% darker color. If you saturate the color by 10%, you get **75CA77**, and if you desaturate by 10%, it is **9DCA9F**.

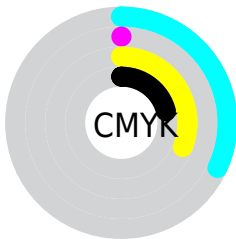
Distribution



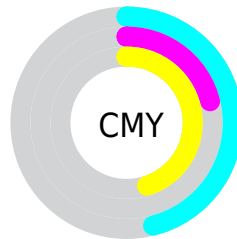
- Red (54%)
- Green (79%)
- Blue (55%)



- Red (54%)
- Yellow (78%)
- Blue (79%)



- Cyan (32%)
- Magenta (0%)
- Yellow (31%)
- Black (21%)



- Cyan (46%)
- Magenta (21%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89CA8B 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 89CA8B by changing the saturation by 10% instead.



89CA8B



89CA8B

FFFFFF



6EAE71



C0FFC1



549358



DFFFDD



3A7940



FAFFFA



20602A



004813



003100



001C00



000000



89CA8B



89CA8B

 75CA77

 9DCA9F

 61CA64

 B1CAB2

 4CCA50

 C6CAC6

 38CA3D

 DACAD9

 24CA29

 EECAED

 10CA16

 FFCAFF

 00CA06

Harmonies

Analogous

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



B6C172



89CA8B



55CEB0

Triad

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



89CA8B



71C1FF



FF9E9F

Complementary

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



89CA8B



CA89C8

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.



FF9DC5



89CA8B



B2B4FF

Square

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



89CA8B



21CAF7



E2A6E9



F8A87F

Rectangle

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



89CA8B



28CFCA



E2A6E9



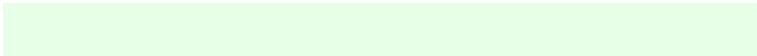
FF9DAB

Sweetspot

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



89CA8B



E6FFE6



C9CA89



708071



000000



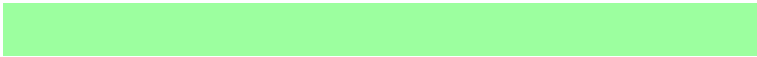
808080

Same Dimension

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



89CA8B



9CFF9F



89CAAB



5C665C



00A605



002601

Inverse Universe

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



CA89C8



FF9CFC



CA89A8



665C66



A600A1



260025

Previews

White Background



This preview shows how the Hex color 89CA8B looks on a white background.

Color Contrast Check

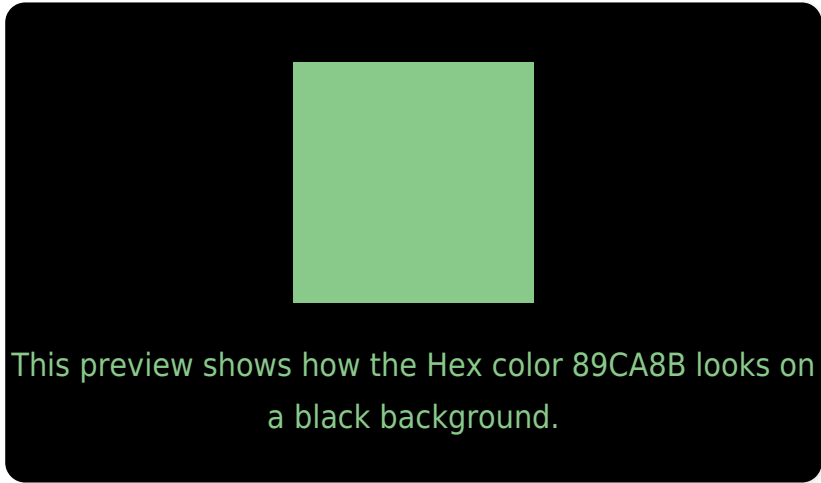
Large Text (above 18pt) WCAG AA × Fail

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

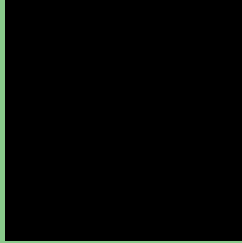
Any Text WCAG AA ✓ Pass

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 89CA8B Background



This preview shows how black text looks on a background with the Hex color 89CA8B.

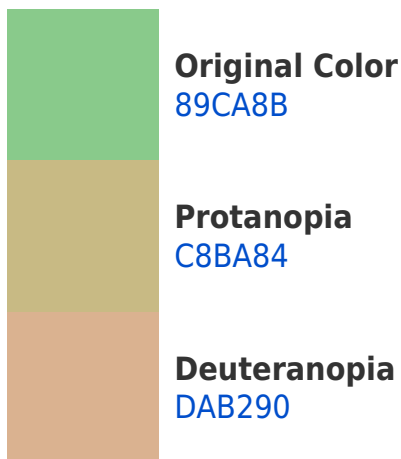


This preview shows how white text looks on a background with the Hex color 89CA8B.

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](#).

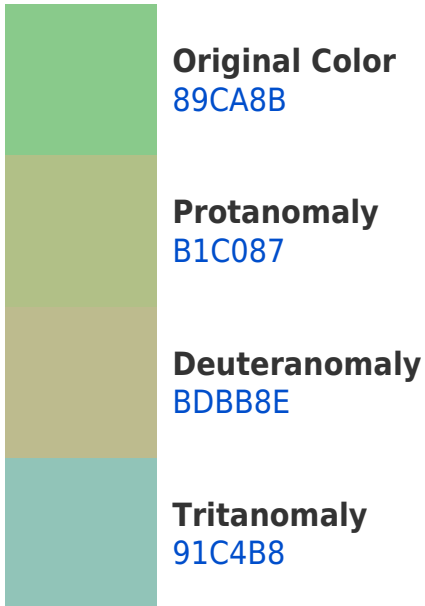
Dichromacy



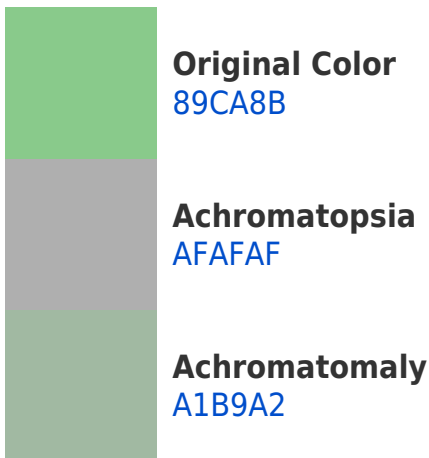


Tritanopia
96C1D1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 89CA8B 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 #89CA8B looks like.

```
.text, #text, p{  
    color:#89CA8B  
}
```

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 #89CA8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89CA8B
}
```

Border

The CSS property to change the border of an element to Hex 89CA8B 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
#89CA8B }
```

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

```
.border{ border-color:#89CA8B }
```

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

Here you see how a box with a 4 pixel #89CA8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89CA8B; -webkit-box-shadow:4px 4px  
4px 4px #89CA8B; box-shadow:4px 4px 4px  
4px #89CA8B }
```

Background

The CSS property to change the background color of an element to Hex 89CA8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89CA8B }
```

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

```
.background{ background-color:#89CA8B }
```

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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