

Converting Colors

Hex(89CD8A)

Have a look what the booklet for
Hex(89CD8A) contains.

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Color

Hex(89CD8A)

Conversions

Conversions Part 1

Format	Color
Hex	89CD8A
RGB	137, 205, 138
RGB Percent	54%, 80%, 54%
CMY	0.4627, 0.1961, 0.4588
CMYK	0.33, 0.00, 0.33, 0.20
HSL	121°, 40%, 67%
HSV	121°, 33%, 80%
XYZ	36.7353, 50.8160, 31.9171
YIQ	177.0300, -19.0210, -35.2530

Conversions

Conversions Part 2

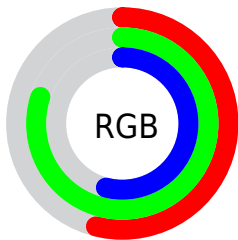
Format	Color
RYB	137, 204, 205
Decimal	9031050
CIELab	76.57, -34.79, 26.74
CIELCh	77, 43.878, 142.450
Yxy	50.8160, 0.3075, 0.4254
Android (android.graphics.Color)	4287221130 (0xFF89CD8A)
YUV	177.0300, -19.2418, -35.1063
Hunter-Lab	71.2853, -32.7634, 23.3534

Details

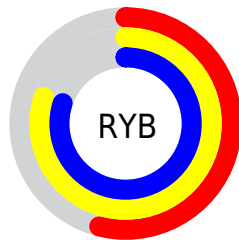
The Hex color **89CD8A** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **CD89CC**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **C0FFC0**, and **549657** is the 20% darker color. If you saturate the color by 10%, you get **74CD76**, and if you desaturate by 10%, it is **9DCD9E**.

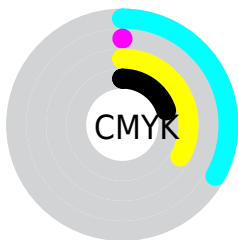
Distribution



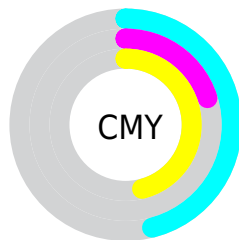
- Red (54%)
- Green (80%)
- Blue (54%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 89CD8A 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 89CD8A by changing the saturation by 10% instead.



89CD8A



89CD8A

FFFFFF



6EB170



C0FFC0



549657



D0FFDC



3A7C3F



FAFFF9



1E6328



004A12



003300



001F00



000000



89CD8A



89CD8A

 74CD76

 9DCD9E

 60CD62

 B2CDB2

 4BCD4D

 C7CDC7

 37CD39

 DBCDDB

 22CD25

 F0CDEF

 0ECD11

 FFCDFE

 00CD03

Harmonies

Analogous

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



B8C470



89CD8A



4FD2B1

Triad

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



89CD8A



6CC4FF



FF9EA0

Complementary

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



89CD8A



CD89CC

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.



FF9EC9



89CD8A



B2B6FF

Square

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



89CD8A



00CEFC



E6A7EF



FEA97E

Rectangle

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



89CD8A



0DD2CD



E6A7EF



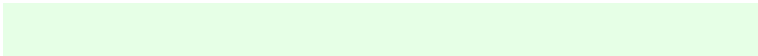
FF9DAD

Sweetspot

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



89CD8A



E6FFE6



CDCD89



708070



000000



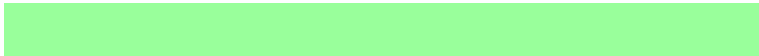
808080

Same Dimension

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



89CD8A



99FF9B



89CDAB



5C665C



00A602



002601

Inverse Universe

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



CD89CC



FF99FE



CD89AB



665C66



A600A3



260026

Previews

White Background



This preview shows how the Hex color 89CD8A 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 89CD8A 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 89CD8A Background



This preview shows how black text looks on a background with the Hex color 89CD8A.

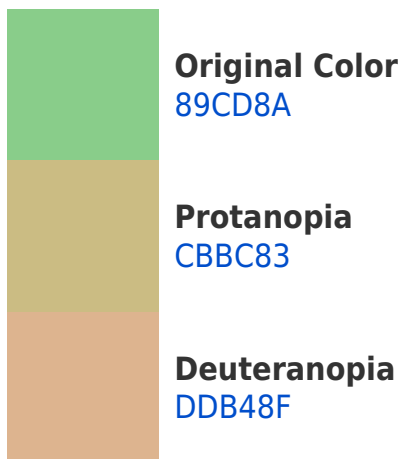


This preview shows how white text looks on a background with the Hex color 89CD8A.

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](#).

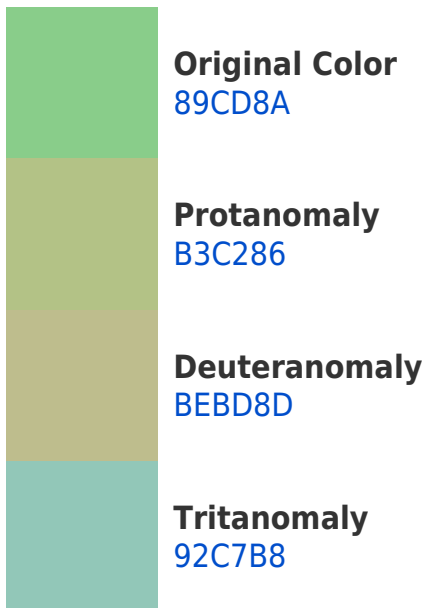
Dichromacy



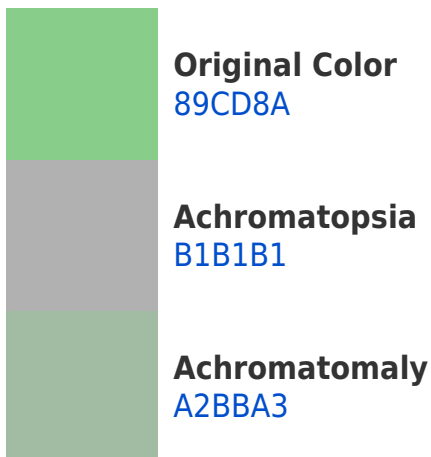


Tritanopia
97C4D3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 89CD8A 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 #89CD8A looks like.

```
.text, #text, p{  
    color:#89CD8A  
}
```

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 #89CD8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89CD8A
}
```

Border

The CSS property to change the border of an element to Hex 89CD8A 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
#89CD8A }
```

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

```
.border{ border-color:#89CD8A }
```

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

Here you see how a box with a 4 pixel #89CD8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89CD8A; -webkit-box-shadow:4px 4px  
4px 4px #89CD8A; box-shadow:4px 4px 4px  
4px #89CD8A }
```

Background

The CSS property to change the background color of an element to Hex 89CD8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89CD8A }
```

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

```
.background{ background-color:#89CD8A }
```

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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