

Converting Colors

Hex(89D9CA)

Have a look what the booklet for
Hex(89D9CA) contains.

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Color

Hex(89D9CA)

Conversions

Conversions Part 1

Format	Color
Hex	89D9CA
RGB	137, 217, 202
RGB Percent	54%, 85%, 79%
CMY	0.4627, 0.1490, 0.2078
CMYK	0.37, 0.00, 0.07, 0.15
HSL	169°, 51%, 69%
HSV	169°, 37%, 85%
XYZ	45.7901, 59.2083, 64.8921
YIQ	191.3700, -42.8650, -21.6250

Conversions

Conversions Part 2

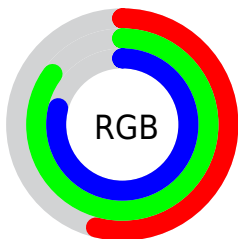
Format	Color
RYB	137, 181, 217
Decimal	9034186
CIELab	81.41, -27.89, -0.37
CIELCh	81, 27.891, 180.755
Yxy	59.2083, 0.2695, 0.3485
Android (android.graphics.Color)	4287224266 (0xFF89D9CA)
YUV	191.3700, 5.2406, -47.6825
Hunter-Lab	76.9470, -28.4343, 3.8615

Details

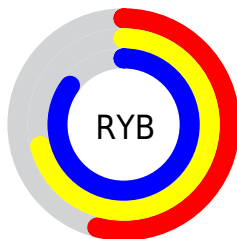
The Hex color **89D9CA** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D98998**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **C1FFFF**, and **52A294** is the 20% darker color. If you saturate the color by 10%, you get **73D9C6**, and if you desaturate by 10%, it is **9FD9CE**.

Distribution



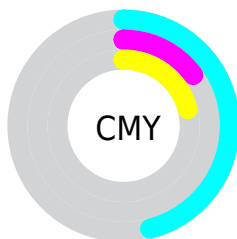
- Red (54%)
- Green (85%)
- Blue (79%)



- Red (54%)
- Yellow (71%)
- Blue (85%)



- Cyan (37%)
- Magenta (0%)
- Yellow (7%)
- Black (15%)



- Cyan (46%)
- Magenta (15%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89D9CA 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 89D9CA by changing the saturation by 10% instead.

 89D9CA

 89D9CA

FFFFFF

 6EBDAF

 C1FFFF

 52A294

 DEFFFF

 36877A

 FBFFFF

 166E61

 00554A

 003D33

 00271E

 000A06

 000000

 89D9CA

 89D9CA

 73D9C6

 9FD9CE

 5ED9C2

 B4D9D2

 48D9BE

 CAD9D6

 32D9BA

 E0D9DA

 1CD9B6

 F6D9DE

 07D9B2

 FFD9E2

 00D9B0

 FFD9E6

 FFD9EB

 FFD9EF

Harmonies

Analogous

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



A3D6B0



89D9CA



7ED8E4

Triad

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



89D9CA



CFC3F7



F3C09E

Complementary

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



89D9CA



D98998

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.



FFB9B1



89D9CA



EDBBE4

Square

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



89D9CA



ABCCFE



FDB7CB



DDC996

Rectangle

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



89D9CA



84D6F2



FDB7CB



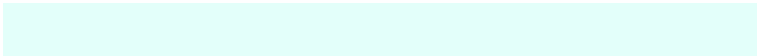
F8BDA3

Sweetspot

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



89D9CA



E3FFFA



99D989



6F807C



000000



808080

Same Dimension

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



89D9CA



8FFFEA



89C1D9



636E6C



00AD8D



002E25

Inverse Universe

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



D98998



FF8FA4



D9A189



6E6365



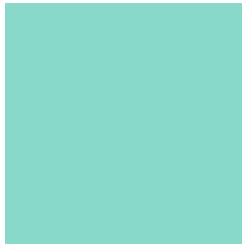
AD0021



2E0009

Previews

White Background



This preview shows how the Hex color 89D9CA looks on a white background.

Color Contrast Check

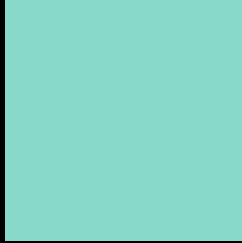
Large Text (above 18pt) WCAG AA × Fail

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 89D9CA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

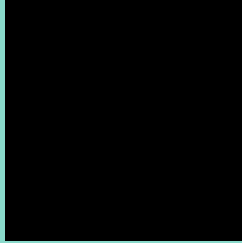
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

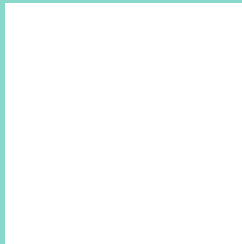
Any Text WCAG AAA ✓ Pass

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

Hex 89D9CA Background



This preview shows how black text looks on a background with the Hex color 89D9CA.

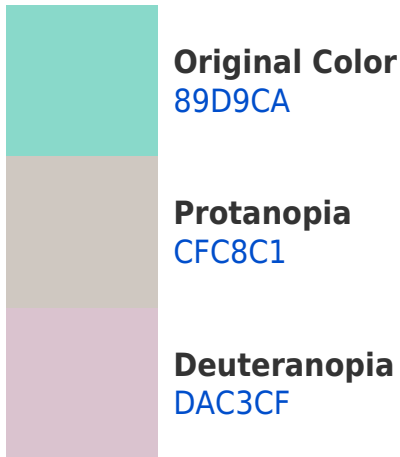


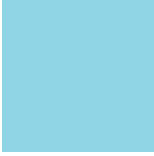
This preview shows how white text looks on a background with the Hex color 89D9CA.

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
90D5E6

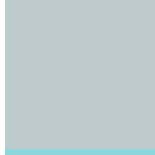
Trichromacy



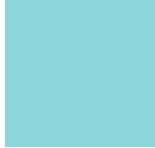
Original Color
89D9CA



Protanomaly
B6CEC4



Deuteranomaly
BDCBCD



Tritanomaly
8DD6DC

Monochromacy



Original Color
89D9CA



Achromatopsia
BFBFBF



Achromatomaly
ABC8C3

CSS Examples

Text

The CSS property to change the color of the text to Hex 89D9CA 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 #89D9CA looks like.

```
.text, #text, p{  
    color:#89D9CA  
}
```

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 #89D9CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89D9CA  
}
```

Border

The CSS property to change the border of an element to Hex 89D9CA 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  
#89D9CA }
```

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

```
.border{ border-color:#89D9CA }
```

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

Here you see how a box with a 4 pixel #89D9CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89D9CA; -webkit-box-shadow:4px 4px  
4px 4px #89D9CA; box-shadow:4px 4px 4px  
4px #89D9CA }
```

Background

The CSS property to change the background color of an element to Hex 89D9CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89D9CA }
```

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

```
.background{ background-color:#89D9CA }
```

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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