

Converting Colors

Hex(8CD9A0)

Have a look what the booklet for
Hex(8CD9A0) contains.

Hex(8CD9A0)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(8CD9A0)

Conversions

Conversions Part 1

Format	Color
Hex	8CD9A0
RGB	140, 217, 160
RGB Percent	55%, 85%, 63%
CMY	0.4510, 0.1490, 0.3725
CMYK	0.35, 0.00, 0.26, 0.15
HSL	136°, 50%, 70%
HSV	136°, 35%, 85%
XYZ	41.9732, 57.7392, 42.1903
YIQ	187.4790, -27.5950, -34.0510

Conversions

Conversions Part 2

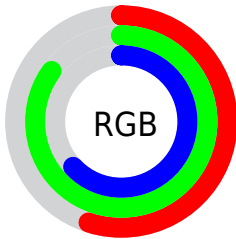
Format	Color
RYB	140, 201, 217
Decimal	9230752
CIELab	80.59, -35.59, 20.73
CIELCh	81, 41.193, 149.780
Yxy	57.7392, 0.2958, 0.4069
Android (android.graphics.Color)	4287420832 (0xFF8CD9A0)
YUV	187.4790, -13.5471, -41.6391
Hunter-Lab	75.9863, -34.3765, 20.2705

Details

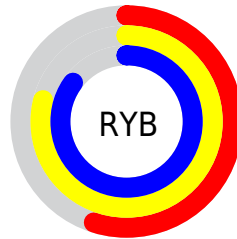
The Hex color **8CD9A0** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D98CC5**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **C4FFD7**, and **56A26C** is the 20% darker color. If you saturate the color by 10%, you get **76D990**, and if you desaturate by 10%, it is **A2D9B0**.

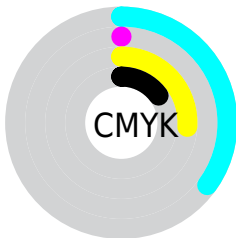
Distribution



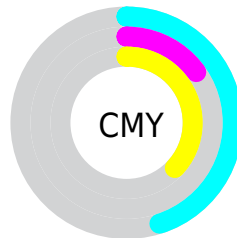
- Red (55%)
- Green (85%)
- Blue (63%)



- Red (55%)
- Yellow (79%)
- Blue (85%)



- Cyan (35%)
- Magenta (0%)
- Yellow (26%)
- Black (15%)



- Cyan (45%)
- Magenta (15%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8CD9A0 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 8CD9A0 by changing the saturation by 10% instead.



8CD9A0



8CD9A0

FFFFFF



71BD86



C4FFD7



56A26C



E0FFF3



3B8754

FEFFFF



1F6D3C



005426



003C10



002700



000400



000000

 8CD9A0

 8CD9A0

 76D990

 A2D9B0

 61D980

 B7D9C0

 4BD970

 CDD9D0

 35D960

 E3D9E0

 20D950

 F9D9F0

 0AD940

 FFD9FF

 00D938

Harmonies

Analogous

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



BAD184



8CD9A0



59DDC6

Triad

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



8CD9A0



90CCFF



FFADA4

Complementary

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



8CD9A0



D98CC5

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.



FFAACA



8CD9A0



CCBEFF

Square

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



8CD9A0



4FD6FF



F8B1EF



FFB887

Rectangle

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



8CD9A0



38DDE1



F8B1EF



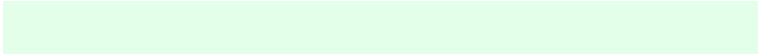
FFABB0

Sweetspot

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



8CD9A0



E3FFEA



C6D98C



6F8073



000000



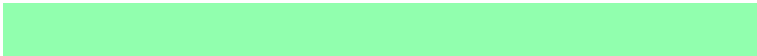
808080

Same Dimension

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



8CD9A0



91FFAE



8CD9C6



636E66



00AD2D



002E0C

Inverse Universe

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



D98CC5



FF91E3



D98C9F



6E636B



AD0080



2E0022

Previews

White Background



This preview shows how the Hex color 8CD9A0 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 8CD9A0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

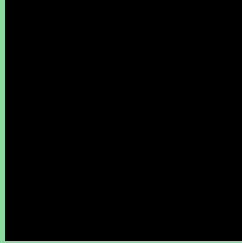
Any Text WCAG AA ✓ Pass

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 8CD9A0 Background



This preview shows how black text looks on a background with the Hex color 8CD9A0.

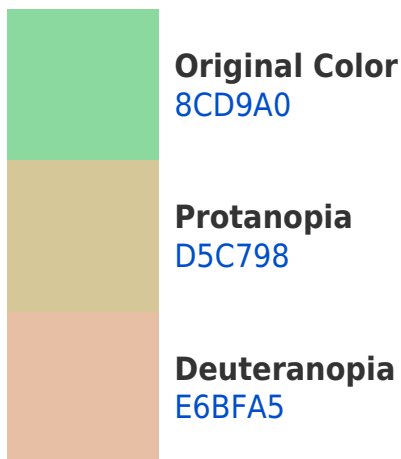


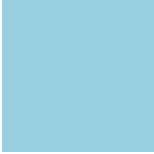
This preview shows how white text looks on a background with the Hex color 8CD9A0.

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](#).

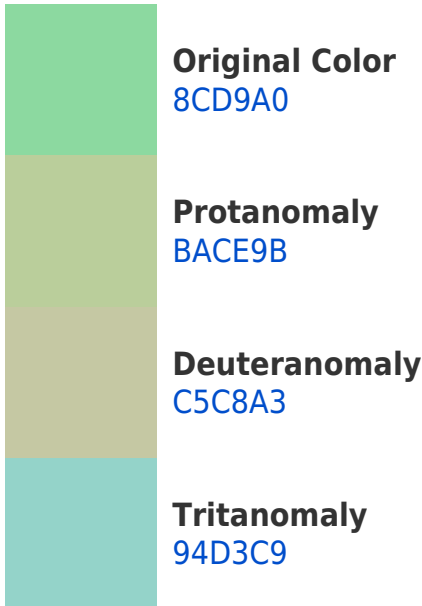
Dichromacy



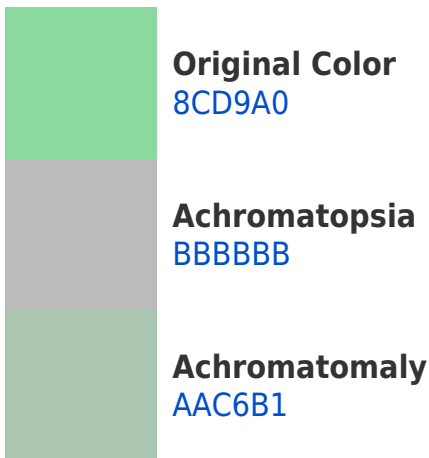


Tritanopia
99D0E1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8CD9A0 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 #8CD9A0 looks like.

```
.text, #text, p{  
    color:#8CD9A0  
}
```

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 #8CD9A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8CD9A0
}
```

Border

The CSS property to change the border of an element to Hex 8CD9A0 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
#8CD9A0 }
```

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

```
.border{ border-color:#8CD9A0 }
```

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

Here you see how a box with a 4 pixel #8CD9A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8CD9A0; -webkit-box-shadow:4px 4px  
4px 4px #8CD9A0; box-shadow:4px 4px 4px  
4px #8CD9A0 }
```

Background

The CSS property to change the background color of an element to Hex 8CD9A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8CD9A0 }
```

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

```
.background{ background-color:#8CD9A0 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor