

Converting Colors

Hex(8CD097)

Have a look what the booklet for
Hex(8CD097) contains.

Hex(8CD097)	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(8CD097)

Conversions

Conversions Part 1

Format	Color
Hex	8CD097
RGB	140, 208, 151
RGB Percent	55%, 82%, 59%
CMY	0.4510, 0.1843, 0.4078
CMYK	0.33, 0.00, 0.27, 0.18
HSL	130°, 42%, 68%
HSV	130°, 33%, 82%
XYZ	38.9570, 52.9216, 37.4398
YIQ	181.1700, -22.2310, -32.1430

Conversions

Conversions Part 2

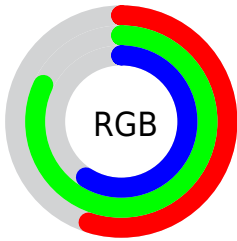
Format	Color
RYB	140, 199, 208
Decimal	9228439
CIELab	77.83, -33.02, 21.66
CIElCh	78, 39.493, 146.743
Yxy	52.9216, 0.3012, 0.4092
Android (android.graphics.Color)	4287418519 (0xFF8CD097)
YUV	181.1700, -14.8738, -36.1061
Hunter-Lab	72.7472, -31.7187, 20.4091

Details

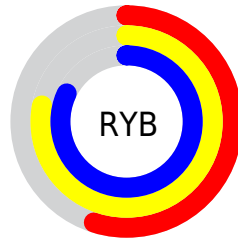
The Hex color **8CD097** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **D08CC5**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **C3FFCD**, and **579964** is the 20% darker color. If you saturate the color by 10%, you get **77D086**, and if you desaturate by 10%, it is **A1D0A8**.

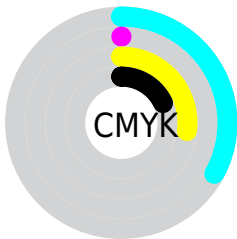
Distribution



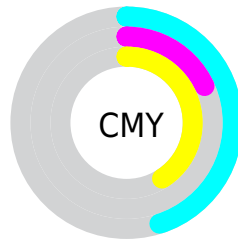
- Red (55%)
- Green (82%)
- Blue (59%)



- Red (55%)
- Yellow (78%)
- Blue (82%)



- Cyan (33%)
- Magenta (0%)
- Yellow (27%)
- Black (18%)



- Cyan (45%)
- Magenta (18%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Hex color 8CD097 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 8CD097 by changing the saturation by 10% instead.

 8CD097

 8CD097

FFFFFF

 71B47D

 C3FFCD

 579964

 E0FFEA

 3D7F4C

FDFFFF

 226534

 004D1E

 003507

 002200

 000000

 8CD097

 8CD097

 77D086

 A1D0A8

 62D074

 B6D0BA

 4ED063

 CAD0CB

 39D051

 DFD0DD

 24D040

 F4D0EE

 0FD02E

 FFD0FF

 00D022

Harmonies

Analogous

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



B7C87E



8CD097



5DD4BB

Triad

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



8CD097



86C5FF



FFA6A1

Complementary

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



8CD097



D08CC5

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.



FFA4C6



8CD097



BFB8FF

Square

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



8CD097



49CFFD



EBACE9



F9B084

Rectangle

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



8CD097



3ED4D4



EBACE9



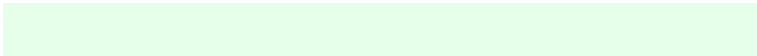
FFA5AD

Sweetspot

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



8CD097



E6FFEA



C6D08C



708073



000000



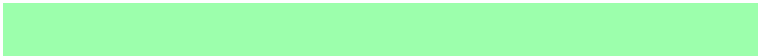
808080

Same Dimension

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



8CD097



9CFFAC



8CD0B8



5E6960



00A81B



002907

Inverse Universe

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



D08CC5



FF9CEF



D08CA4



695E67



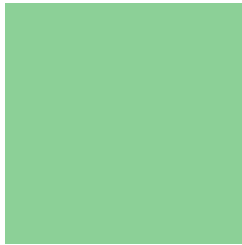
A8008D



290022

Previews

White Background



This preview shows how the Hex color 8CD097 looks on a white background.

Color Contrast Check

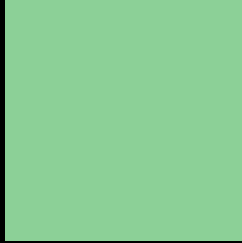
Large Text (above 18pt) WCAG AA × Fail

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 8CD097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

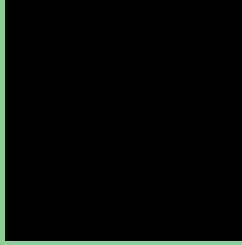
Any Text WCAG AA ✓ Pass

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 8CD097 Background



This preview shows how black text looks on a background with the Hex color 8CD097.

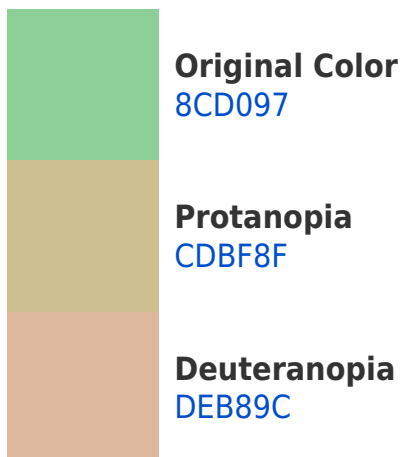


This preview shows how white text looks on a background with the Hex color 8CD097.

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](#).

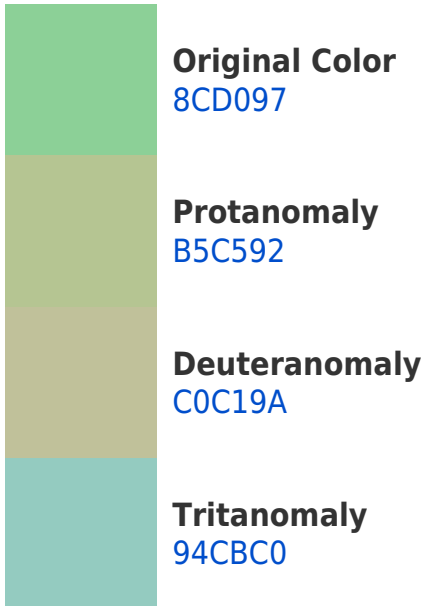
Dichromacy



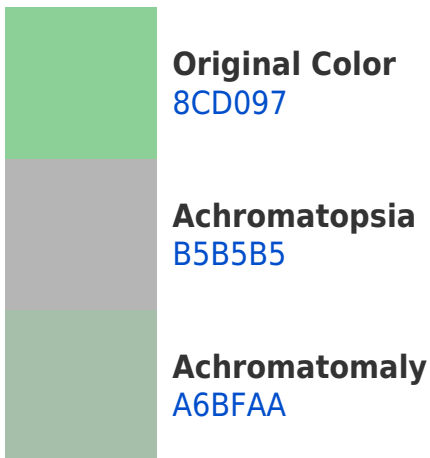


Tritanopia
99C8D8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8CD097 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 #8CD097 looks like.

```
.text, #text, p{  
    color:#8CD097  
}
```

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 #8CD097 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8CD097
}
```

Border

The CSS property to change the border of an element to Hex 8CD097 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
#8CD097 }
```

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

```
.border{ border-color:#8CD097 }
```

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

Here you see how a box with a 4 pixel #8CD097 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8CD097; -webkit-box-shadow:4px 4px  
4px 4px #8CD097; box-shadow:4px 4px 4px  
4px #8CD097 }
```

Background

The CSS property to change the background color of an element to Hex 8CD097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8CD097 }
```

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

```
.background{ background-color:#8CD097 }
```

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