

Converting Colors

Hex(8CD798)

Have a look what the booklet for
Hex(8CD798) contains.

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Color

Hex(8CD798)

Conversions

Conversions Part 1

Format	Color
Hex	8CD798
RGB	140, 215, 152
RGB Percent	55%, 84%, 60%
CMY	0.4510, 0.1569, 0.4039
CMYK	0.35, 0.00, 0.29, 0.16
HSL	130°, 48%, 70%
HSV	130°, 35%, 84%
XYZ	40.7832, 56.4433, 38.4509
YIQ	185.3930, -24.4770, -35.4930

Conversions

Conversions Part 2

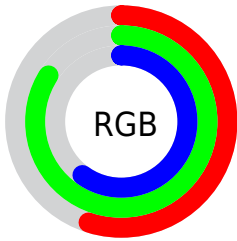
Format	Color
RYB	140, 205, 215
Decimal	9230232
CIELab	79.87, -36.09, 23.92
CIELCh	80, 43.296, 146.465
Yxy	56.4433, 0.3006, 0.4160
Android (android.graphics.Color)	4287420312 (0xFF8CD798)
YUV	185.3930, -16.4627, -39.8097
Hunter-Lab	75.1288, -34.5778, 22.2455

Details

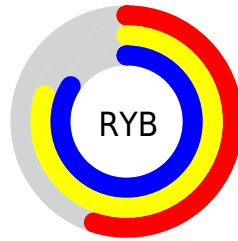
The Hex color **8CD798** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D78CCB**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **C4FFCF**, and **56A065** is the 20% darker color. If you saturate the color by 10%, you get **76D786**, and if you desaturate by 10%, it is **A2D7AA**.

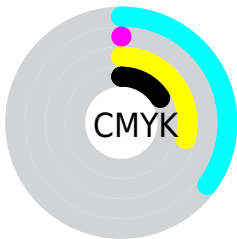
Distribution



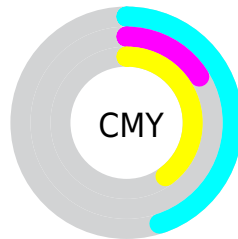
- Red (55%)
- Green (84%)
- Blue (60%)



- Red (55%)
- Yellow (80%)
- Blue (84%)



- Cyan (35%)
- Magenta (0%)
- Yellow (29%)
- Black (16%)



- Cyan (45%)
- Magenta (16%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Hex color 8CD798 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 8CD798 by changing the saturation by 10% instead.

 8CD798

 8CD798

FFFFFF

 71BB7E

 C4FFCF

 56A065

 E0FFEB

 3C854C

FEFFFF

 1F6B35

 00531E

 003B08

 002600

 000000

 8CD798

 8CD798

 76D786

 A2D7AA

 61D774

 B7D7BC

 4CD762

 CDD7CE

 36D750

 E2D7E0

 21D73E

 F8D7F2

 0BD72C

 FFD7FF

 00D722

Harmonies

Analogous

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



BCCE7C



8CD798



54DBC0

Triad

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



8CD798



82CBFF



FFA9A4

Complementary

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



8CD798



D78CCB

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.



FFA7CC



8CD798



C4BDFE

Square

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



8CD798



32D6FF



F4AFF3



FFB484

Rectangle

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



8CD798



24DCDB



F4AFF3



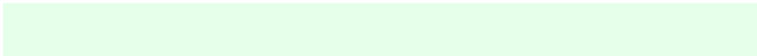
FFA7B1

Sweetspot

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



8CD798



E6FFEA



CCD78C



708073



000000



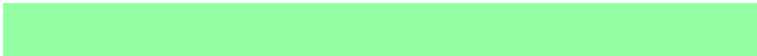
808080

Same Dimension

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



8CD798



94FFA5



8CD7BD



606B62



00AB1B



002B07

Inverse Universe

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



D78CCB



FF94EE



D78CA6



6B6069



AB0090



2B0024

Previews

White Background



This preview shows how the Hex color 8CD798 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 8CD798 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

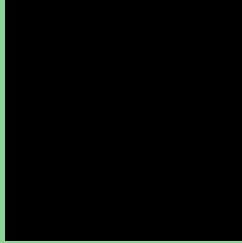
Any Text WCAG AA ✓ Pass

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 8CD798 Background



This preview shows how black text looks on a background with the Hex color 8CD798.

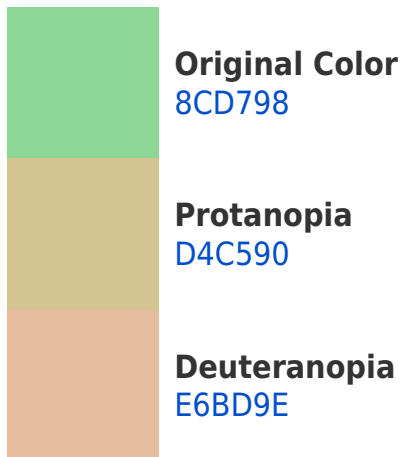


This preview shows how white text looks on a background with the Hex color 8CD798.

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](#).

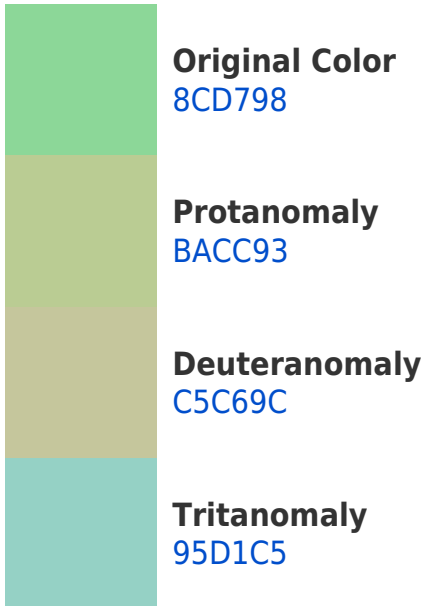
Dichromacy



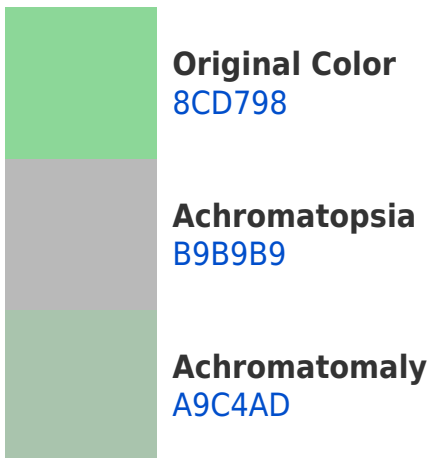


Tritanopia
9ACEDE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8CD798 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 #8CD798 looks like.

```
.text, #text, p{  
    color:#8CD798  
}
```

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 #8CD798 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8CD798  
}
```

Border

The CSS property to change the border of an element to Hex 8CD798 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  
#8CD798 }
```

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

```
.border{ border-color:#8CD798 }
```

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

Here you see how a box with a 4 pixel #8CD798 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8CD798; -webkit-box-shadow:4px 4px  
4px 4px #8CD798; box-shadow:4px 4px 4px  
4px #8CD798 }
```

Background

The CSS property to change the background color of an element to Hex 8CD798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8CD798 }
```

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

```
.background{ background-color:#8CD798 }
```

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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