

Converting Colors

Hex(8CD17E)

Have a look what the booklet for
Hex(8CD17E) contains.

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Color

Hex(8CD17E)

Conversions

Conversions Part 1

Format	Color
Hex	8CD17E
RGB	140, 209, 126
RGB Percent	55%, 82%, 49%
CMY	0.4510, 0.1804, 0.5059
CMYK	0.33, 0.00, 0.40, 0.18
HSL	110°, 47%, 66%
HSV	110°, 40%, 82%
XYZ	37.3816, 52.6827, 27.9372
YIQ	178.9070, -14.4810, -40.4410

Conversions

Conversions Part 2

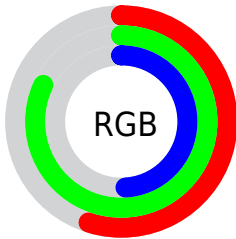
Format	Color
R _{YB}	126, 209, 195
Decimal	9228670
CIE Lab	77.69, -37.49, 34.44
CIE LCh	78, 50.910, 137.427
Yxy	52.6827, 0.3168, 0.4465
Android (android.graphics.Color)	4287418750 (0xFF8CD17E)
YUV	178.9070, -26.0832, -34.1214
Hunter-Lab	72.5829, -35.0891, 27.9872

Details

The Hex color **8CD17E** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **C37ED1**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **C4FFB4**, and **569A4B** is the 20% darker color. If you saturate the color by 10%, you get **7BD169**, and if you desaturate by 10%, it is **9DD193**.

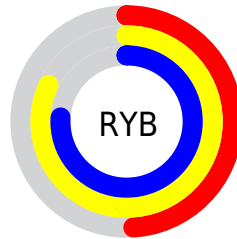
Distribution



Red (55%)

Green (82%)

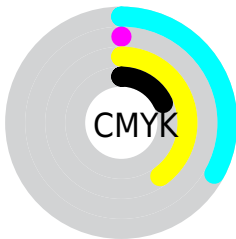
Blue (49%)



Red (49%)

Yellow (82%)

Blue (76%)

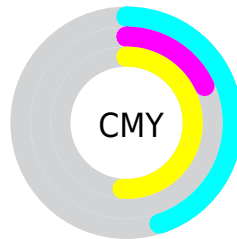


Cyan (33%)

Magenta (0%)

Yellow (40%)

Black (18%)



Cyan (45%)

Magenta (18%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8CD17E 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 8CD17E by changing the saturation by 10% instead.

 8CD17E

 8CD17E

FFFFFF

 71B564

 C4FFB4

 569A4B

 E0FFCF

 3C8033

 FEF FEC

 1F661B

 004E01

 003600

 002200

 000000

 8CD17E

 8CD17E

 7BD169

 9DD193

 69D154

 AFD1A8

 58D13F

 C0D1BD

 47D12A

 D1D1D2

 35D116

 E3D1E7

 24D101

 F4D1FB

 23D100

 FFD1FF

Harmonies

Analogous

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



C2C663



8CD17E



41D7AA

Triad

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



8CD17E



3BCBFF



FF9AA6

Complementary

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



8CD17E



C37ED1

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.



FF9BD6



8CD17E



A5BBFF

Square

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



8CD17E



00D4FF



E7A9FF



FFA67C

Rectangle

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



8CD17E



00D8CB



E7A9FF



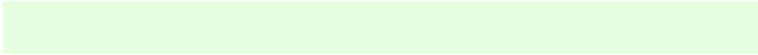
FF99B6

Sweetspot

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



8CD17E



E6FFE0



D1C27E



71806E



000000



808080

Same Dimension

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



8CD17E



99FF85



7ED198



60695E



1CA800



072900

Inverse Universe

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



C37ED1



EA85FF



D17EB7



675E69



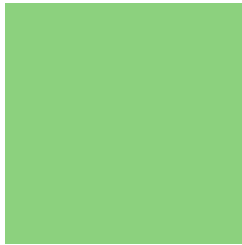
8C00A8



220029

Previews

White Background



This preview shows how the Hex color 8CD17E looks on a white background.

Color Contrast Check

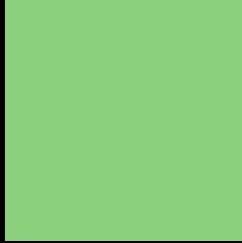
Large Text (above 18pt) WCAG AA × Fail

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 8CD17E 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 8CD17E Background



This preview shows how black text looks on a background with the Hex color 8CD17E.

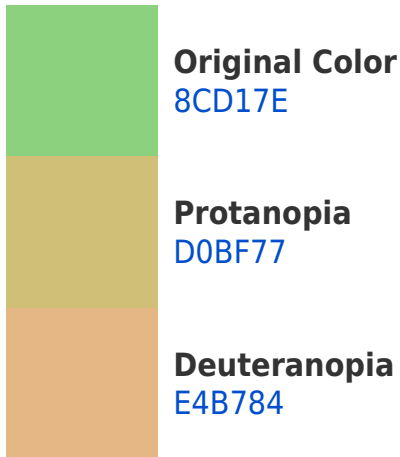


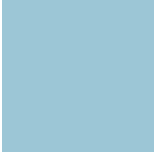
This preview shows how white text looks on a background with the Hex color 8CD17E.

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](#).

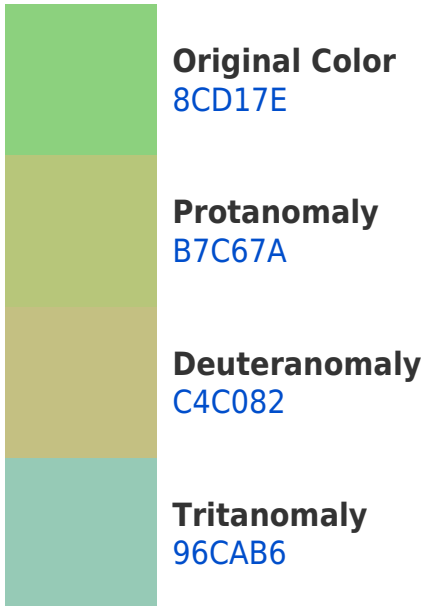
Dichromacy



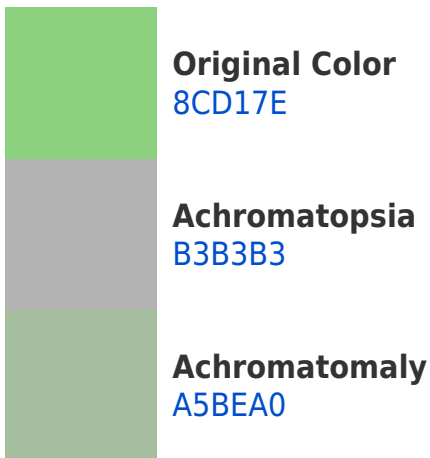


Tritanopia
9CC6D6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8CD17E 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 #8CD17E looks like.

```
.text, #text, p{  
    color:#8CD17E  
}
```

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 #8CD17E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8CD17E
}
```

Border

The CSS property to change the border of an element to Hex 8CD17E 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
#8CD17E }
```

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

```
.border{ border-color:#8CD17E }
```

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

Here you see how a box with a 4 pixel #8CD17E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8CD17E; -webkit-box-shadow:4px 4px  
4px 4px #8CD17E; box-shadow:4px 4px 4px  
4px #8CD17E }
```

Background

The CSS property to change the background color of an element to Hex 8CD17E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8CD17E }
```

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

```
.background{ background-color:#8CD17E }
```

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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