

# Converting Colors

Hex(8CED84)

Have a look what the booklet for  
Hex(8CED84) contains.

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# **Color**

**Hex(8CED84)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8CED84
RGB	140, 237, 132
RGB Percent	55%, 93%, 52%
CMY	0.4510, 0.0706, 0.4824
CMYK	0.41, 0.00, 0.44, 0.07
HSL	115°, 74%, 72%
HSV	115°, 44%, 93%
XYZ	45.2643, 67.8098, 32.5327
YIQ	196.0270, -24.1070, -53.2190

# Conversions

## Conversions Part 2

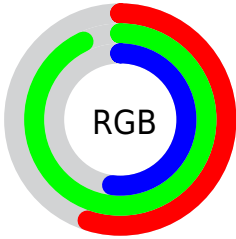
Format	Color
<a href="#">RYB</a>	<a href="#">132, 237, 229</a>
Decimal	<a href="#">9235844</a>
CIELab	<a href="#">85.91, -48.81, 42.00</a>
CIElCh	<a href="#">86, 64.397, 139.288</a>
Yxy	<a href="#">67.8098, 0.3109, 0.4657</a>
Android (android.graphics.Color)	<a href="#">4287425924 (0xFF8CED84)</a>
YUV	<a href="#">196.0270, -31.5653, -49.1357</a>
Hunter-Lab	<a href="#">82.3467, -45.9890, 34.2190</a>

# Details

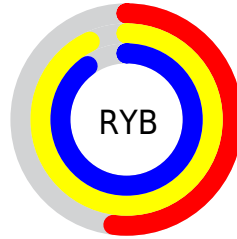
The Hex color **8CED84** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **E584ED**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **C5FFBA**, and **53B450** is the 20% darker color. If you saturate the color by 10%, you get **76ED6C**, and if you desaturate by 10%, it is **A2ED9C**.

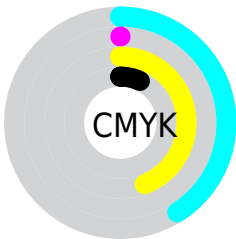
# Distribution



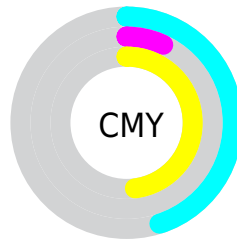
- Red (55%)
- Green (93%)
- Blue (52%)



- Red (52%)
- Yellow (93%)
- Blue (90%)



- Cyan (41%)
- Magenta (0%)
- Yellow (44%)
- Black (7%)



- Cyan (45%)
- Magenta (7%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8CED84 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 8CED84 by changing the saturation by 10% instead.



 8CED84

 8CED84

FFFFFF

 70D06A

 C5FFBA

 53B450

 E3FFD7

 359937

 FFFFF3


 0B7E1D

 006500

 004C00

 003400

 001D00

 000000

 8CED84

 8CED84

 76ED6C

 A2ED9C

 60ED55

 B8EDB3

 4AED3D

 CEEDCB

 34ED25

 E4EDE3

 1FED0E

 F9EDFB

 12ED00

 FFEDFF

# Harmonies

## Analogous

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



D3E05E



8CED84



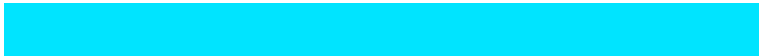
00F4BE

# Triad

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



8CED84



00E4FF



FFA4B2

# Complementary

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



8CED84



E584ED

# 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.



FFA5EF



8CED84



B6CFFF

# Square

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



8CED84



00FFFF



FFB7FF



FFB57C

# Rectangle

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



8CED84



00F6E9



FFB7FF



FFA2C6

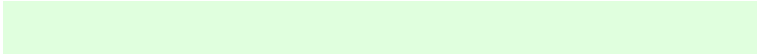


# Sweetspot

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



8CED84



E0FFDE



EDE484



6D806B



000000



808080



# Same Dimension

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



8CED84



82FF78



84EDB0



6A756A



0EB500



043600



# Inverse Universe

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



E584ED



F578FF



ED84C1



746A75



A700B5

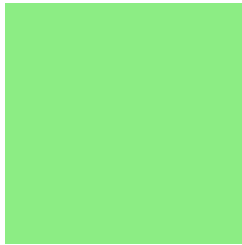


310036



# Previews

## White Background



This preview shows how the Hex color 8CED84 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 8CED84 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

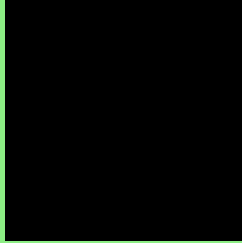
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8CED84 Background



This preview shows how black text looks on a background with the Hex color 8CED84.

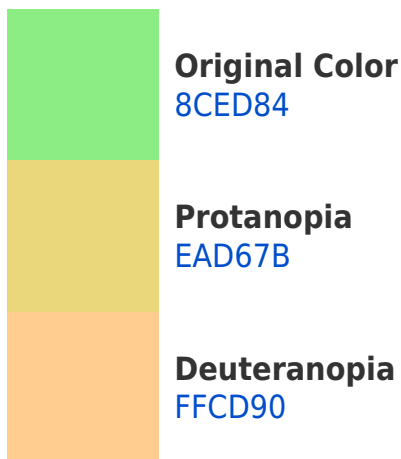


This preview shows how white text looks on a background with the Hex color 8CED84.

# 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



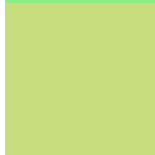


**Tritanopia**  
A1E0F2

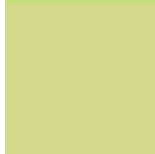
# Trichromacy



**Original Color**  
8CED84



**Protanomaly**  
C8DE7E



**Deuteranomaly**  
D5D98C

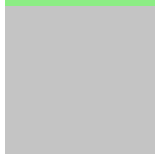


**Tritanomaly**  
99E5CA

# Monochromacy



**Original Color**  
8CED84



**Achromatopsia**  
C4C4C4



**Achromatomaly**  
B0D3AD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8CED84 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 #8CED84 looks like.

```
.text, #text, p{  
    color:#8CED84  
}
```

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 #8CED84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8CED84
}
```

## Border

The CSS property to change the border of an element to Hex 8CED84 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
#8CED84 }
```

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

```
.border{ border-color:#8CED84 }
```

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

Here you see how a box with a 4 pixel #8CED84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8CED84; -webkit-box-shadow:4px 4px  
4px 4px #8CED84; box-shadow:4px 4px 4px  
4px #8CED84 }
```

# Background

The CSS property to change the background color of an element to Hex 8CED84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8CED84 }
```

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

```
.background{ background-color:#8CED84 }
```

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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