

Converting Colors

Hex(8CE99C)

Have a look what the booklet for
Hex(8CE99C) contains.

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Color

Hex(8CE99C)

Conversions

Conversions Part 1

Format	Color
Hex	8CE99C
RGB	140, 233, 156
RGB Percent	55%, 91%, 61%
CMY	0.4510, 0.0863, 0.3882
CMYK	0.40, 0.00, 0.33, 0.09
HSL	130°, 68%, 73%
HSV	130°, 40%, 91%
XYZ	45.9549, 66.2536, 41.8186
YIQ	196.4150, -30.7110, -43.6630

Conversions

Conversions Part 2

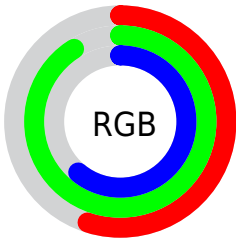
Format	Color
RYB	140, 219, 233
Decimal	9234844
CIELab	85.13, -43.45, 28.98
CIELCh	85, 52.227, 146.302
Yxy	66.2536, 0.2984, 0.4301
Android (android.graphics.Color)	4287424924 (0xFF8CE99C)
YUV	196.4150, -19.9246, -49.4760
Hunter-Lab	81.3963, -41.6656, 26.5162

Details

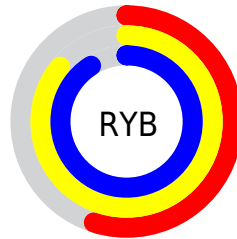
The Hex color **8CE99C** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **E98CD9**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **C5FFD3**, and **54B168** is the 20% darker color. If you saturate the color by 10%, you get **75E989**, and if you desaturate by 10%, it is **A3E9AF**.

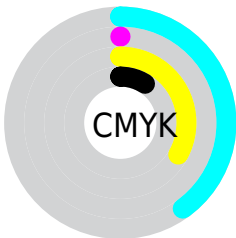
Distribution



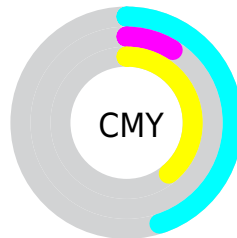
- Red (55%)
- Green (91%)
- Blue (61%)



- Red (55%)
- Yellow (86%)
- Blue (91%)



- Cyan (40%)
- Magenta (0%)
- Yellow (33%)
- Black (9%)



- Cyan (45%)
- Magenta (9%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8CE99C 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 8CE99C by changing the saturation by 10% instead.

 8CE99C

 8CE99C

FFFFFF

 70CD82

 C5FFD3

 54B168

 E2FFE7

 37964F

 157B37

 006220

 004908

 003100

 001B00

 000000

 8CE99C

 8CE99C

 75E989

 A3E9AF

 5DE975

 BBE9C3

 46E962

 D2E9D6

 2FE94F

 E9E9E9

 18E93C

 FFE9FC

 00E928

 FFE9FF

Harmonies

Analogous

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



C7DF7A



8CE99C



35EECD

Triad

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



8CE99C



78DCFF



FFB0AB

Complementary

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



8CE99C



E98CD9

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.



FFADDD



8CE99C



D0CAFF

Square

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



8CE99C



00E8FF



FFB8FF



FFBE84

Rectangle

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



8CE99C



00EEEE



FFB8FF



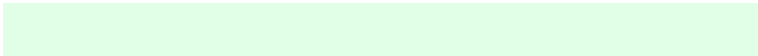
FFADBB

Sweetspot

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



8CE99C



E0FFE6



DAE98C



6E8071



000000



808080

Same Dimension

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



8CE99C



85FF9A



8CE9CA



6A756C



00B51F



003609

Inverse Universe

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



E98CD9



FF85EA



E98CAB



756A73



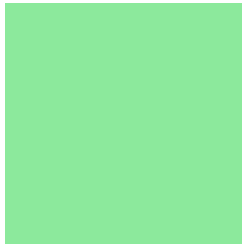
B50096



36002C

Previews

White Background



This preview shows how the Hex color 8CE99C looks on a white background.

Color Contrast Check

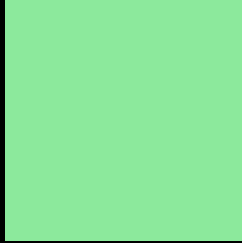
Large Text (above 18pt) WCAG AA × Fail

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 8CE99C looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

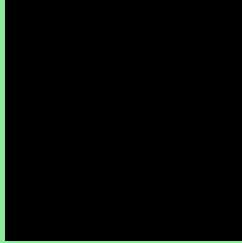
Any Text WCAG AA ✓ Pass

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 8CE99C Background



This preview shows how black text looks on a background with the Hex color 8CE99C.

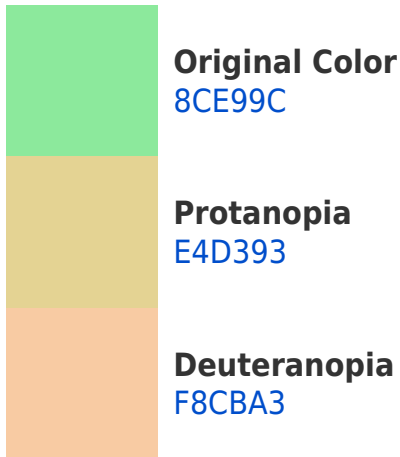


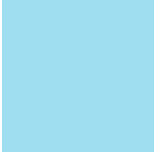
This preview shows how white text looks on a background with the Hex color 8CE99C.

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



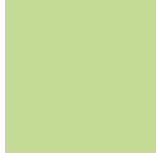


Tritanopia
9EDEF0

Trichromacy



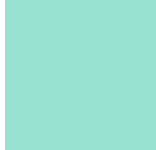
Original Color
8CE99C



Protanomaly
C4DB96



Deuteranomaly
D1D6A0

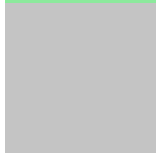


Tritanomaly
97E2D1

Monochromacy



Original Color
8CE99C



Achromatopsia
C4C4C4



Achromatomaly
B0D1B5

CSS Examples

Text

The CSS property to change the color of the text to Hex 8CE99C 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 #8CE99C looks like.

```
.text, #text, p{  
    color:#8CE99C  
}
```

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 #8CE99C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8CE99C
}
```

Border

The CSS property to change the border of an element to Hex 8CE99C 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
#8CE99C }
```

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

```
.border{ border-color:#8CE99C }
```

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

Here you see how a box with a 4 pixel #8CE99C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8CE99C; -webkit-box-shadow:4px 4px  
4px 4px #8CE99C; box-shadow:4px 4px 4px  
4px #8CE99C }
```

Background

The CSS property to change the background color of an element to Hex 8CE99C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8CE99C }
```

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

```
.background{ background-color:#8CE99C }
```

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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