

# Converting Colors

Hex(C8E196)

Have a look what the booklet for  
Hex(C8E196) contains.

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# **Color**

**Hex(C8E196)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C8E196
RGB	200, 225, 150
RGB Percent	78%, 88%, 59%
CMY	0.2157, 0.1176, 0.4118
CMYK	0.11, 0.00, 0.33, 0.12
HSL	80°, 56%, 74%
HSV	80°, 33%, 88%
XYZ	56.2497, 68.3318, 39.0788
YIQ	208.9750, 9.1750, -28.6250

# Conversions

## Conversions Part 2

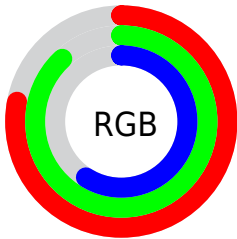
<b>Format</b>	<b>Color</b>
<b>RYB</b>	150, 225, 175
Decimal	13164950
CIELab	86.17, -20.61, 34.03
CIELCh	86, 39.781, 121.201
Yxy	68.3318, 0.3437, 0.4175
Android (android.graphics.Color)	4291355030 (0xFFC8E196)
YUV	208.9750, -29.0747, -7.8711
Hunter-Lab	82.6630, -23.1966, 29.8349

# Details

The Hex color **C8E196** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **AF96E1**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **FFFCD**, and **91AA62** is the 20% darker color. If you saturate the color by 10%, you get **C1E17F**, and if you desaturate by 10%, it is **CFE1AD**.

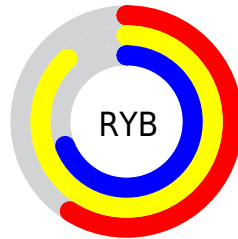
# Distribution



Red (78%)

Green (88%)

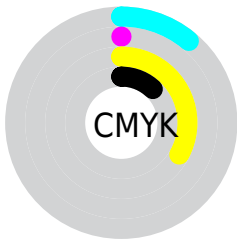
Blue (59%)



Red (59%)

Yellow (88%)

Blue (69%)

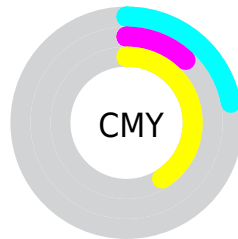


Cyan (11%)

Magenta (0%)

Yellow (33%)

Black (12%)



Cyan (22%)

Magenta (12%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C8E196 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 C8E196 by changing the saturation by 10% instead.



 C8E196

 C8E196

FFFFFF

 ACC57C

 FFFFCF

 91AA62

 FFFFEE

 778F4A

 5D7532

 445D1A

 2C4501

 152F00

 001C00

 000000

 C8E196

 C8E196

 C1E17F

 CFE1AD

 B9E169

 D7E1C3

 B1E153

 DFE1DA

 AAE13C

 E6E1F0

 A2E126

 EEE1FF

 9BE10F

 F5E1FF

 96E100

 FDE1FF

 FFE1FF

# Harmonies

## Analogous

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



F0D68C



C8E196



9CE9B2

# Triad

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



C8E196



6DE5FF



FFBBD7

# Complementary

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



C8E196



AF96E1

# Split Complementary

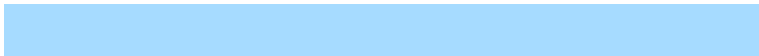
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFC1FD



C8E196



A6DBFF

# Square

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



C8E196



53EBFD



DECDFE



FFBEB2

# Rectangle

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



C8E196



7DEBCB



DECDFE



FFBCE4



# Sweetspot

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



C8E196



F7FFE6



E1AF96



7A8070



000000



808080

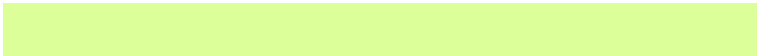


# Same Dimension

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



C8E196



DFFF99



A3E196



6C7065



75B000



203000



# Inverse Universe

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



AF96E1



BB99FF



D596E1



696570



3B00B0

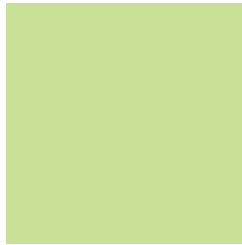


100030



# Previews

## White Background



This preview shows how the Hex color C8E196 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 C8E196 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

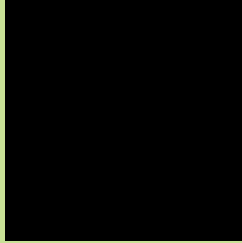
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C8E196 Background



This preview shows how black text looks on a background with the Hex color C8E196.

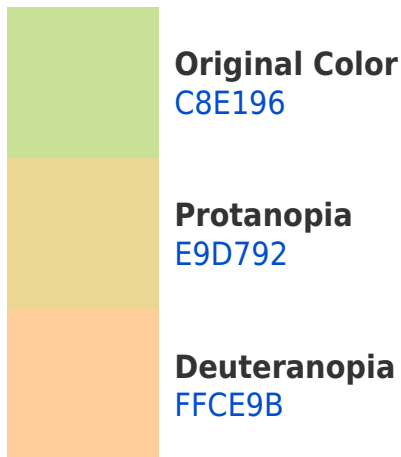


This preview shows how white text looks on a background with the Hex color C8E196.

# 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](#).

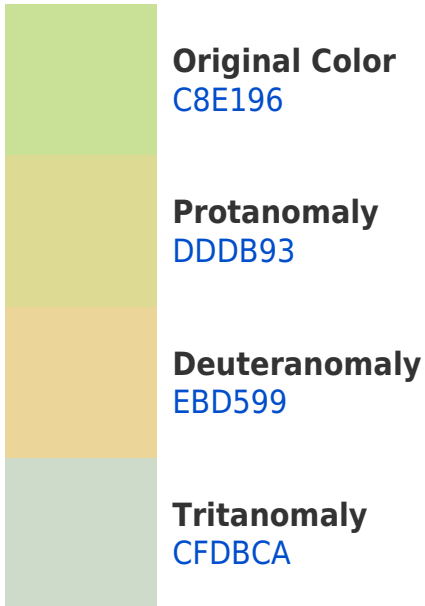
## Dichromacy



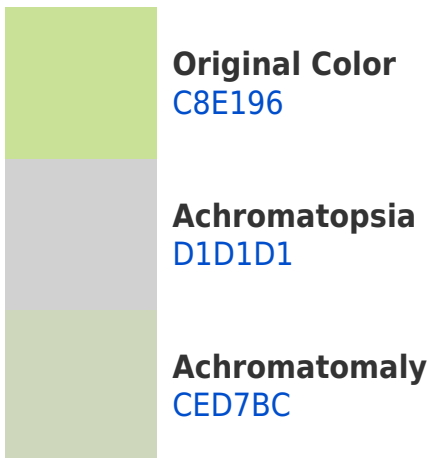


**Tritanopia**  
D3D7E8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C8E196 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 #C8E196 looks like.

```
.text, #text, p{  
    color:#C8E196  
}
```

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 #C8E196 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C8E196
}
```

## Border

The CSS property to change the border of an element to Hex C8E196 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
#C8E196 }
```

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

```
.border{ border-color:#C8E196 }
```

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

Here you see how a box with a 4 pixel #C8E196 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C8E196; -webkit-box-shadow:4px 4px  
4px 4px #C8E196; box-shadow:4px 4px 4px  
4px #C8E196 }
```

# Background

The CSS property to change the background color of an element to Hex C8E196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C8E196 }
```

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

```
.background{ background-color:#C8E196 }
```

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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