

Converting Colors

Hex(C6E49E)

Have a look what the booklet for
Hex(C6E49E) contains.

Hex(C6E49E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C6E49E)

Conversions

Conversions Part 1

Format	Color
Hex	C6E49E
RGB	198, 228, 158
RGB Percent	78%, 89%, 62%
CMY	0.2235, 0.1059, 0.3804
CMYK	0.13, 0.00, 0.31, 0.11
HSL	86°, 56%, 76%
HSV	86°, 31%, 89%
XYZ	57.2037, 69.9612, 42.8367
YIQ	211.0500, 4.5900, -28.1300

Conversions

Conversions Part 2

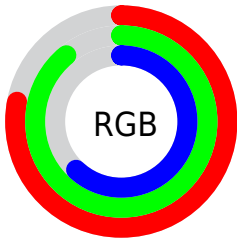
Format	Color
RYB	158, 228, 188
Decimal	13034654
CIELab	86.98, -21.72, 31.00
CIELCh	87, 37.852, 125.019
Yxy	69.9612, 0.3365, 0.4115
Android (android.graphics.Color)	4291224734 (0xFFC6E49E)
YUV	211.0500, -26.1536, -11.4448
Hunter-Lab	83.6428, -24.2980, 28.1853

Details

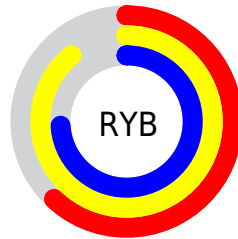
The Hex color **C6E49E** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **BC9EE4**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **FFFFD5**, and **8FAD6A** is the 20% darker color. If you saturate the color by 10%, you get **BCE487**, and if you desaturate by 10%, it is **D0E4B5**.

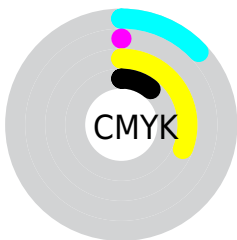
Distribution



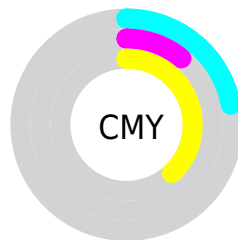
- Red (78%)
- Green (89%)
- Blue (62%)



- Red (62%)
- Yellow (89%)
- Blue (74%)



- Cyan (13%)
- Magenta (0%)
- Yellow (31%)
- Black (11%)



- Cyan (22%)
- Magenta (11%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color C6E49E 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 C6E49E by changing the saturation by 10% instead.

 C6E49E

 C6E49E

FFFFFF

 AAC884

 FFFFD5

 8FAD6A

 FFFFF2

 759251

 5C7839

 435F22

 2B470A

 153100

 001D00

 000000

 C6E49E

 C6E49E

 BCE487

 D0E4B5

 B2E470

 DAE4CC

 A9E45A

 E3E4E2

 9FE443

 EDE4F9

 95E42C

 F7E4FF

 8BE415

 FFE4FF

 82E400

Harmonies

Analogous

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



EDDA92



C6E49E



9CEBBA

Triad

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



C6E49E



7EE6FF



FFBFD5

Complementary

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



C6E49E



BC9EE4

Split Complementary

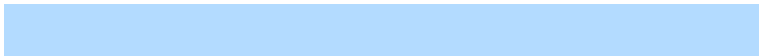
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFC3F9



C6E49E



B3DBFF

Square

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



C6E49E



62ECFF



E7CEFF



FFC3B2

Rectangle

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



C6E49E



80EDD2



E7CEFF



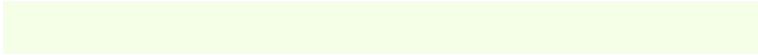
FFBFE1

Sweetspot

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



C6E49E



F5FFE8



E4BB9E



798071



000000



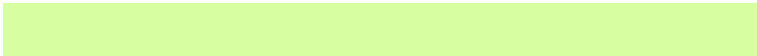
808080

Same Dimension

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



C6E49E



D7FFA1



A4E49E



6E7367



66B300



1D3300

Inverse Universe

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



BC9EE4



C9A1FF



DE9EE4



6C6773



4D00B3



160033

Previews

White Background



This preview shows how the Hex color C6E49E 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 C6E49E looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

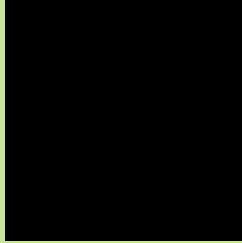
Any Text WCAG AA ✓ Pass

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 C6E49E Background



This preview shows how black text looks on a background with the Hex color C6E49E.

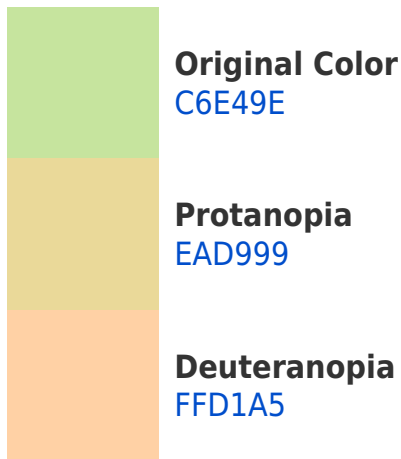


This preview shows how white text looks on a background with the Hex color C6E49E.

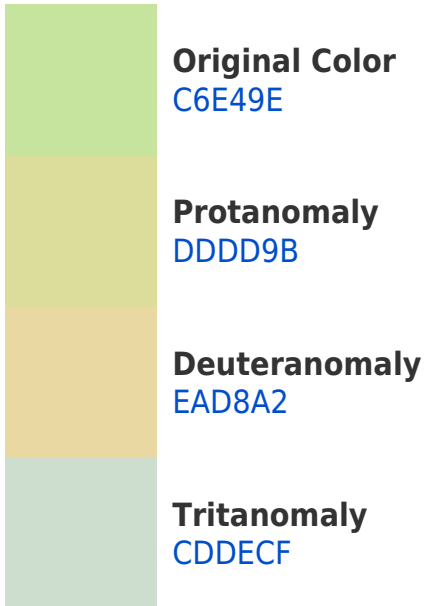
Color Blindness Simulation

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](#).

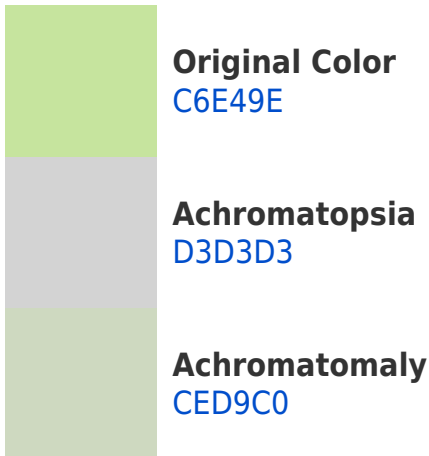
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C6E49E 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 #C6E49E looks like.

```
.text, #text, p{  
    color:#C6E49E  
}
```

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 #C6E49E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6E49E
}
```

Border

The CSS property to change the border of an element to Hex C6E49E 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
#C6E49E }
```

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

```
.border{ border-color:#C6E49E }
```

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

Here you see how a box with a 4 pixel #C6E49E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6E49E; -webkit-box-shadow:4px 4px  
4px 4px #C6E49E; box-shadow:4px 4px 4px  
4px #C6E49E }
```

Background

The CSS property to change the background color of an element to Hex C6E49E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6E49E }
```

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

```
.background{ background-color:#C6E49E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor