

Converting Colors

Hex(CCEE7F)

Have a look what the booklet for
Hex(CCEE7F) contains.

Hex(CCEE7F)	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(CCEE7F)

Conversions

Conversions Part 1

Format	Color
Hex	CCEE7F
RGB	204, 238, 127
RGB Percent	80%, 93%, 50%
CMY	0.2000, 0.0667, 0.5020
CMYK	0.14, 0.00, 0.47, 0.07
HSL	78°, 77%, 72%
HSV	78°, 47%, 93%
XYZ	59.3071, 75.5187, 31.5294
YIQ	215.1800, 15.3670, -41.7290

Conversions

Conversions Part 2

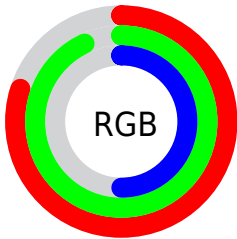
Format	Color
RYB	127, 238, 161
Decimal	13430399
CIELab	89.64, -28.06, 49.81
CIElCh	90, 57.175, 119.397
Yxy	75.5187, 0.3565, 0.4540
Android (android.graphics.Color)	4291620479 (0xFFCCEE7F)
YUV	215.1800, -43.4727, -9.8049
Hunter-Lab	86.9015, -30.2579, 39.3196

Details

The Hex color **CCEE7F** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **A17FEE**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **FFFFB6**, and **94B64B** is the 20% darker color. If you saturate the color by 10%, you get **C5EE67**, and if you desaturate by 10%, it is **D3EE97**.

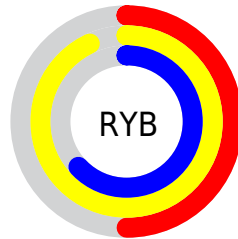
Distribution



Red (80%)

Green (93%)

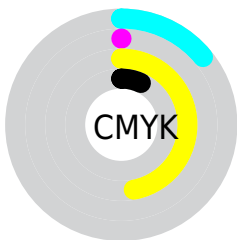
Blue (50%)



Red (50%)

Yellow (93%)

Blue (63%)

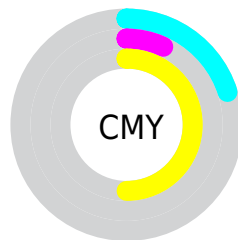


Cyan (14%)

Magenta (0%)

Yellow (47%)

Black (7%)



Cyan (20%)

Magenta (7%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color CCEE7F 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 CCEE7F by changing the saturation by 10% instead.

 CCEE7F

 CCEE7F

FFFFFF

 B0D265

 FFFFB6

 94B64B

 FFFFD2

 799B30

 FFFFEF

 5E8113

 446800

 2B4F00

 0D3800

 002300

 000000

 CCEE7F

 CCEE7F

 C5EE67

 D3EE97

 BDEE4F

 DBEEAF

 B6EE38

 E2EEC6

 AFEE20

 E9EEDE

 A8EE08

 F0EEF6

 A5EE00

 F8EEFF

 FFEEFF

Harmonies

Analogous

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



FFDE72



CCEE7F



88F9A8

Triad

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



CCEE7F



00F5FF



FFB5E5

Complementary

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



CCEE7F



A17FEE

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.



FFBFFF



CCEE7F



83E7FF

Square

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



CCEE7F



00FCFF



E4D4FF



FFB9AF

Rectangle

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



CCEE7F



47FCCB



E4D4FF



FFB7F7

Sweetspot

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



CCEE7F



F4FFDB



EEA07F



79806A



000000



808080

Same Dimension

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



CCEE7F



D3FF70



95EE7F



74786C



7FB800



273800

Inverse Universe

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



A17FEE



9C70FF



D87FEE



706C78



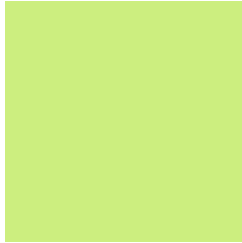
3800B8



110038

Previews

White Background



This preview shows how the Hex color CCEE7F looks on a white background.

Color Contrast Check

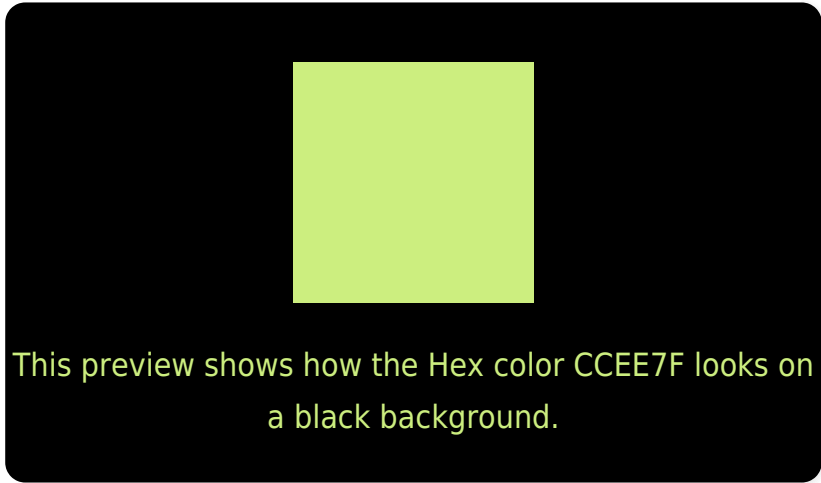
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 CCEE7F Background



This preview shows how black text looks on a background with the Hex color CCEE7F.

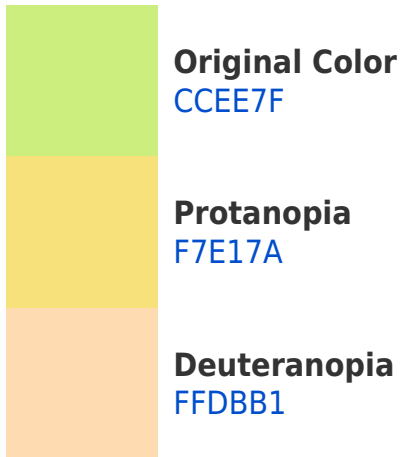


This preview shows how white text looks on a background with the Hex color CCEE7F.

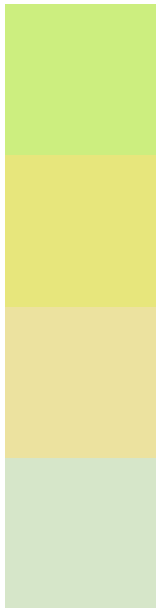
Color Blindness Simulation

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



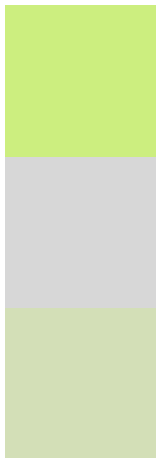
Original Color
CCEE7F

Protanomaly
E7E67C

Deuteranomaly
ECE29F

Tritanomaly
D6E6C9

Monochromacy



Original Color
CCEE7F

Achromatopsia
D7D7D7

Achromatomaly
D3DFB7

CSS Examples

Text

The CSS property to change the color of the text to Hex CCEE7F 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 #CCEE7F looks like.

```
.text, #text, p{  
    color:#CCEE7F  
}
```

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 #CCEE7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCEE7F
}
```

Border

The CSS property to change the border of an element to Hex CCEE7F 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
#CCEE7F }
```

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

```
.border{ border-color:#CCEE7F }
```

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

Here you see how a box with a 4 pixel #CCEE7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCEE7F; -webkit-box-shadow:4px 4px  
4px 4px #CCEE7F; box-shadow:4px 4px 4px  
4px #CCEE7F }
```

Background

The CSS property to change the background color of an element to Hex CCEE7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCEE7F }
```

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

```
.background{ background-color:#CCEE7F }
```

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