

# Converting Colors

Hex(CCF3B7)

Have a look what the booklet for  
Hex(CCF3B7) contains.

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# **Color**

**Hex(CCF3B7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CCF3B7
RGB	204, 243, 183
RGB Percent	80%, 95%, 72%
CMY	0.2000, 0.0471, 0.2824
CMYK	0.16, 0.00, 0.25, 0.05
HSL	99°, 71%, 84%
HSV	99°, 25%, 95%
XYZ	65.4997, 80.3575, 56.8581
YIQ	224.4990, -3.9840, -26.9280

# Conversions

## Conversions Part 2

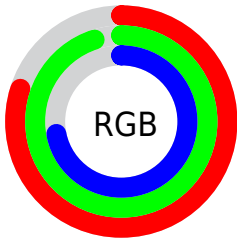
Format	Color
<a href="#">RYB</a>	<a href="#">183, 243, 222</a>
Decimal	<a href="#">13431735</a>
CIELab	<a href="#">91.85, -23.21, 24.88</a>
CIELCh	<a href="#">92, 34.027, 133.002</a>
Yxy	<a href="#">80.3575, 0.3231, 0.3964</a>
Android (android.graphics.Color)	<a href="#">4291621815</a> ( <a href="#">0xFFCCCF3B7</a> )
YUV	<a href="#">224.4990, -20.4590, -17.9776</a>
Hunter-Lab	<a href="#">89.6423, -26.4480, 25.1433</a>

# Details

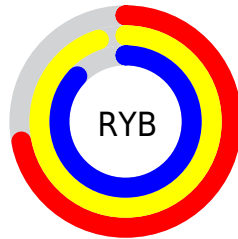
The Hex color **CCF3B7** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **DEB7F3**, and the grayscale version is **E1E1E1**.

A 20% lighter version of the original color is **FFFFFF**, and **95BB82** is the 20% darker color. If you saturate the color by 10%, you get **BCF39F**, and if you desaturate by 10%, it is **DCF3CF**.

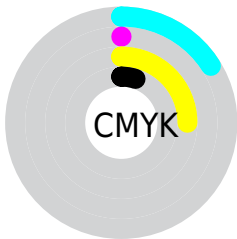
# Distribution



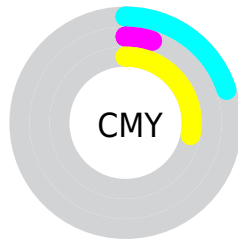
- Red (80%)
- Green (95%)
- Blue (72%)



- Red (72%)
- Yellow (95%)
- Blue (87%)



- Cyan (16%)
- Magenta (0%)
- Yellow (25%)
- Black (5%)



- Cyan (20%)
- Magenta (5%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CCF3B7 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 CCF3B7 by changing the saturation by 10% instead.



 CCF3B7

 CCF3B7

FFFFFFF

 B0D79C


 FFFFEF

 95BB82

 7BA068

 618550

 496C38

 315322

 193C0C

 032600

 000C00

 CCF3B7

 CCF3B7

 BCF39F

 DCF3CF

 ACF386

 ECF3E8

 9DF36E

 FBF3FF

 8DF356

 FFF3FF

 7DF33D

 6DF325

 5DF30D

 55F300

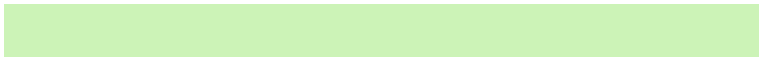
# Harmonies

## Analogous

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



F1EAA8



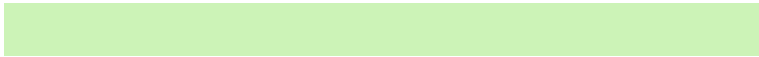
CCF3B7



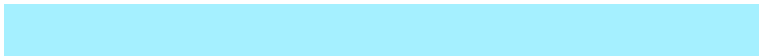
A7F8D3

# Triad

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



CCF3B7



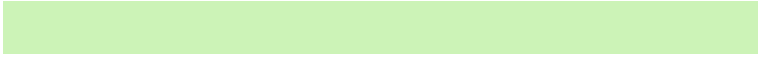
A5F0FF



FFD0DA

# Complementary

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



CCF3B7



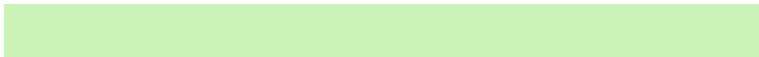
DEB7F3

# Split Complementary

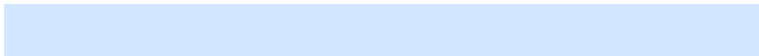
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFD2FC



CCF3B7



D3E6FF

# Square

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



CCF3B7



87F7FF



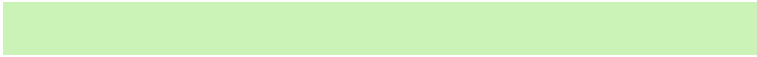
FEDAFF



FFD5BC

# Rectangle

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



CCF3B7



92FAEA



FEDAFF

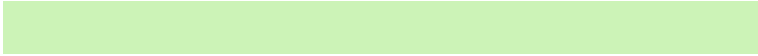


FFD0E5

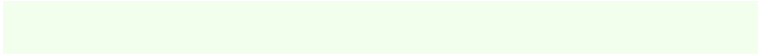


# Sweetspot

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



CCF3B7



F3FFED



F3DEB7



798075



000000

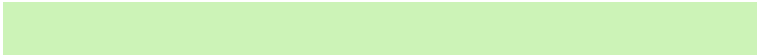


808080

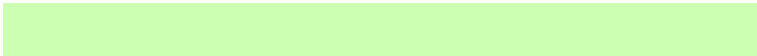


# Same Dimension

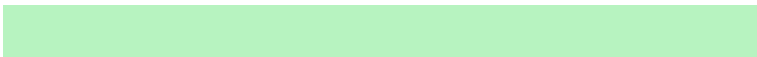
The Same Dimension uses a secret algorithm to generate beautiful new colors.



CCF3B7



CDFFB3



B7F3C0



727A6E



41BA00



153B00



# Inverse Universe

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



DEB7F3



E4B3FF



F3B7EA



766E7A



7900BA



26003B



# Previews

## White Background



This preview shows how the Hex color CCF3B7 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 CCF3B7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

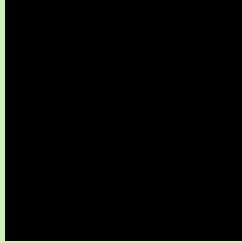
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

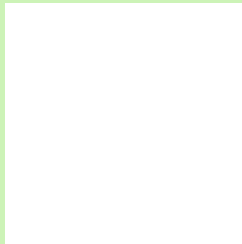
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CCF3B7 Background



This preview shows how black text looks on a background with the Hex color CCF3B7.

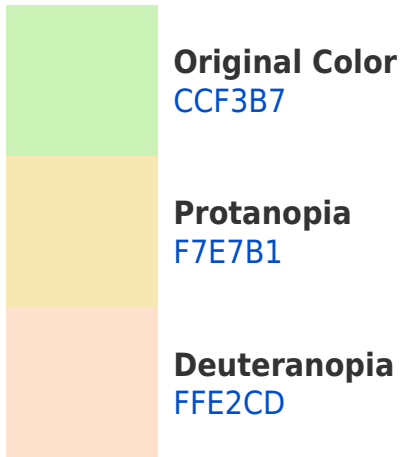


This preview shows how white text looks on a background with the Hex color CCF3B7.

# 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



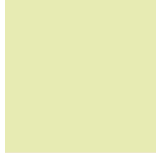


**Tritanopia**  
D7EAFC

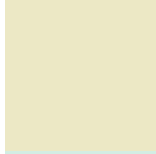
# Trichromacy



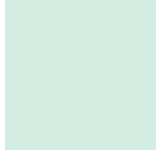
**Original Color**  
CCF3B7



**Protanomaly**  
E7EBB3



**Deuteranomaly**  
ECE8C5

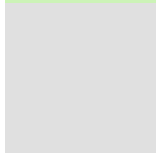


**Tritanomaly**  
D3EDE3

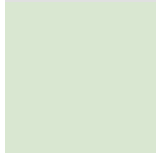
# Monochromacy



**Original Color**  
CCF3B7



**Achromatopsia**  
E0E0E0



**Achromatomaly**  
D9E7D1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CCF3B7 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 #CCF3B7 looks like.

```
.text, #text, p{  
    color:#CCF3B7  
}
```

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 #CCF3B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCF3B7
}
```

## Border

The CSS property to change the border of an element to Hex CCF3B7 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
#CCF3B7 }
```

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

```
.border{ border-color:#CCF3B7 }
```

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

Here you see how a box with a 4 pixel #CCF3B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCF3B7; -webkit-box-shadow:4px 4px  
4px 4px #CCF3B7; box-shadow:4px 4px 4px  
4px #CCF3B7 }
```

# Background

The CSS property to change the background color of an element to Hex CCF3B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCF3B7 }
```

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

```
.background{ background-color:#CCF3B7 }
```

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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