

# Converting Colors

Hex(CBFEC6)

Have a look what the booklet for  
Hex(CBFEC6) contains.

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# **Color**

**Hex(CBFEC6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CBFEC6
RGB	203, 254, 198
RGB Percent	80%, 100%, 78%
CMY	0.2039, 0.0039, 0.2235
CMYK	0.20, 0.00, 0.22, 0.00
HSL	115°, 97%, 89%
HSV	115°, 22%, 100%
XYZ	70.2635, 87.6573, 66.6424
YIQ	232.3670, -12.4200, -28.2280

# Conversions

## Conversions Part 2

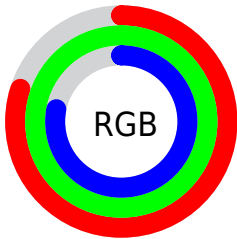
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	198, 254, 249
Decimal	13369030
CIE <sub>Lab</sub>	95.02, -26.42, 21.60
CIE <sub>LCh</sub>	95, 34.125, 140.733
Yxy	87.6573, 0.3129, 0.3903
Android (android.graphics.Color)	4291559110 (0xFFC <sub>B</sub> FEC6)
YUV	232.3670, -16.9429, -25.7549
Hunter-Lab	93.6255, -29.8851, 23.3354

# Details

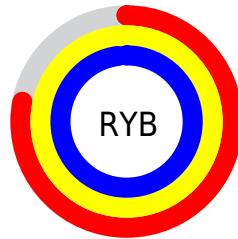
The Hex color **CBFEC6** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **F9C6FE**, and the grayscale version is **E9E9E9**.

A 20% lighter version of the original color is **FFFFFF**, and **94C590** is the 20% darker color. If you saturate the color by 10%, you get **B4FEAD**, and if you desaturate by 10%, it is **E2FEDF**.

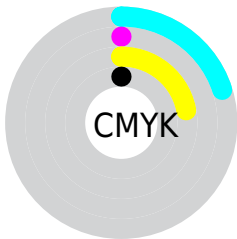
# Distribution



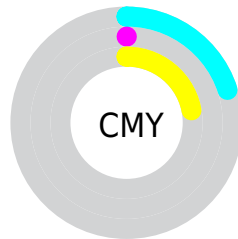
- Red (80%)
- Green (100%)
- Blue (78%)



- Red (78%)
- Yellow (100%)
- Blue (98%)



- Cyan (20%)
- Magenta (0%)
- Yellow (22%)
- Black (0%)



- Cyan (20%)
- Magenta (0%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CBFEC6 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 CBFEC6 by changing the saturation by 10% instead.



 CBFEC6

FFFFFF

 CBFEC6

 AFE1AB

 94C590

 7AAA76

 608F5D

 477545

 2E5C2E

 164419

 002E00

 001A00

 CBFEC6

 CBFEC6

 B4FEAD

 E2FEDF

 9DFE93

 F9FEF9

 86FE7A

 FFFEFF

 6EFE60

 57FE47

 40FE2E

 29FE14

 17FE00

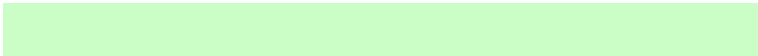
# Harmonies

## Analogous

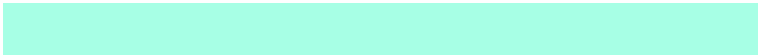
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



F1F6B2



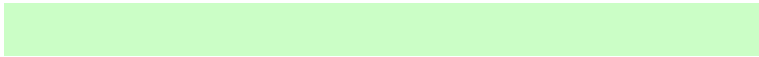
CBFEC6



A7FFE5

# Triad

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



CBFEC6



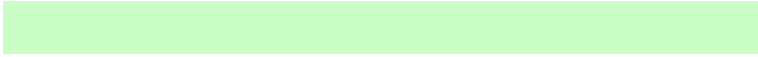
B9F7FF



FFD9DB

# Complementary

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



CBFEC6



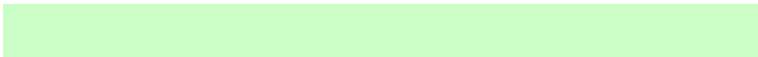
F9C6FE

# 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.



FFD9FC



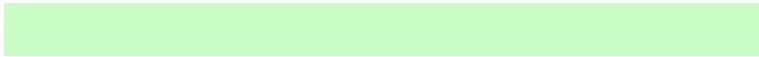
CBFEC6



E8ECFF

# Square

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



CBFEC6



95FFFF



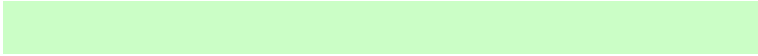
FFE1FF



FFE0BF

# Rectangle

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



CBFEC6



95FFFC



FFE1FF

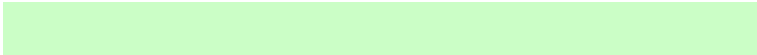


FFD9E6



# Sweetspot

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



CBFEC6



EFFFED



FEF8C6



768075



000000

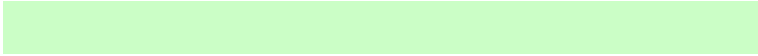


808080

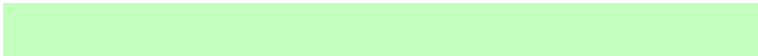


# Same Dimension

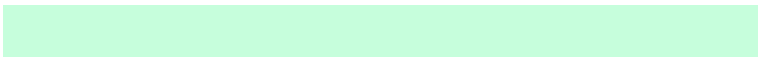
The Same Dimension uses a secret algorithm to generate beautiful new colors.



CBFEC6



C3FFBD



C6FEDC



748073



11BF00



064000



# Inverse Universe

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



F9C6FE



F9BDFE



FEC6E8



7E7380



AE00BF

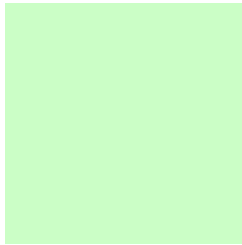


3A0040



# Previews

## White Background



This preview shows how the Hex color CBFEC6 looks on a white background.

## Color Contrast Check

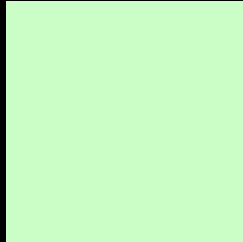
Large Text (above 18pt) WCAG AA × Fail

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 CBFEC6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

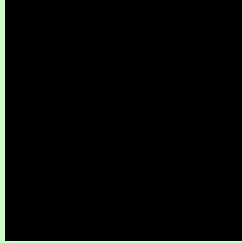
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

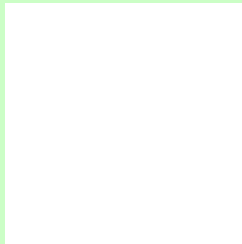
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CBFEC6 Background



This preview shows how black text looks on a background with the Hex color CBFEC6.

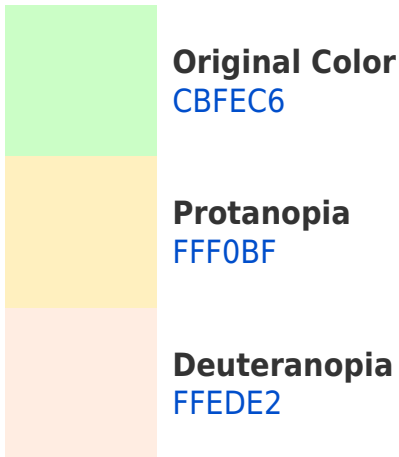


This preview shows how white text looks on a background with the Hex color CBFEC6.

# 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



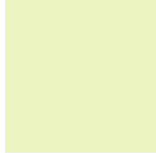


**Tritanopia**  
E1F3FF

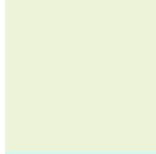
# Trichromacy



**Original Color**  
CBFEC6



**Protanomaly**  
ECF5C2

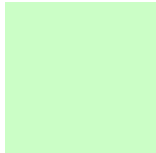


**Deuteranomaly**  
ECF3D8

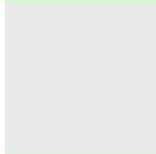


**Tritanomaly**  
D9F7EA

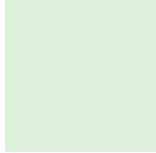
# Monochromacy



**Original Color**  
CBFEC6



**Achromatopsia**  
E8E8E8



**Achromatomaly**  
DDF0DC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CBFEC6 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 #CBFEC6 looks like.

```
.text, #text, p{  
    color:#CBFEC6  
}
```

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 #CBFEC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBFEC6
}
```

## Border

The CSS property to change the border of an element to Hex CBFEC6 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
#CBFEC6 }
```

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

```
.border{ border-color:#CBFEC6 }
```

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

Here you see how a box with a 4 pixel #CBFEC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBFEC6; -webkit-box-shadow:4px 4px  
4px 4px #CBFEC6; box-shadow:4px 4px 4px  
4px #CBFEC6 }
```

# Background

The CSS property to change the background color of an element to Hex CBFEC6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBFEC6 }
```

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

```
.background{ background-color:#CBFEC6 }
```

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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