

Converting Colors

Hex(CBFDB2)

Have a look what the booklet for
Hex(CBFDB2) contains.

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Color

Hex(CBFDB2)

Conversions

Conversions Part 1

Format	Color
Hex	CBFDB2
RGB	203, 253, 178
RGB Percent	80%, 99%, 70%
CMY	0.2039, 0.0078, 0.3020
CMYK	0.20, 0.00, 0.30, 0.01
HSL	100°, 95%, 85%
HSV	100°, 30%, 99%
XYZ	67.7898, 86.1614, 55.1774
YIQ	229.5000, -5.7250, -33.9250

Conversions

Conversions Part 2

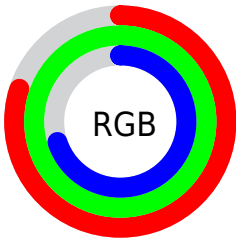
Format	Color
RYB	178, 253, 228
Decimal	13368754
CIELab	94.38, -29.05, 30.86
CIELCh	94, 42.383, 133.270
Yxy	86.1614, 0.3242, 0.4120
Android (android.graphics.Color)	4291558834 (0xFFCDBFDB)
YUV	229.5000, -25.3895, -23.2405
Hunter-Lab	92.8232, -32.0801, 29.7321

Details

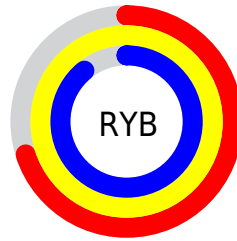
The Hex color **CBFDB2** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **E4B2FD**, and the grayscale version is **E6E6E6**.

A 20% lighter version of the original color is **FFFFEA**, and **94C47D** is the 20% darker color. If you saturate the color by 10%, you get **BAFD99**, and if you desaturate by 10%, it is **DCFDCB**.

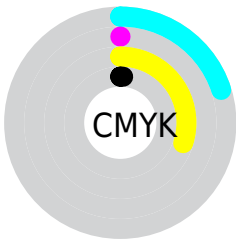
Distribution



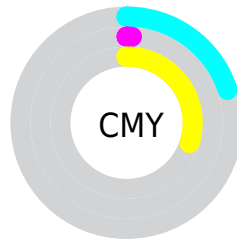
- Red (80%)
- Green (99%)
- Blue (70%)



- Red (70%)
- Yellow (99%)
- Blue (89%)



- Cyan (20%)
- Magenta (0%)
- Yellow (30%)
- Black (1%)



- Cyan (20%)
- Magenta (1%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color CBFDB2 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 CBFDB2 by changing the saturation by 10% instead.

 CBFDB2

FFFFFF

 FFFFEA

 CBFDB2

 AFE097

 94C47D

 79A963

 5F8E4B

 467433

 2D5B1C

 134403

 002D00

 001800

 CBFDB2

 CBFDB2

 BAFD99

 DCFDCB

 A9FD7F

 EDFDE5

 98FD66

 FEFDFE

 88FD4D

 FFFDFF

 77FD33

 66FD1A

 55FD01

 54FD00

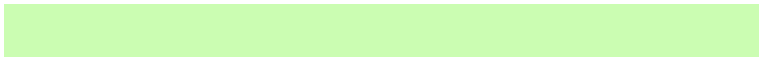
Harmonies

Analogous

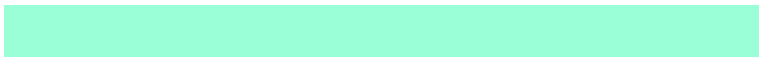
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



F9F29E



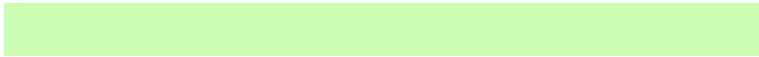
CBFDB2



9AFFD6

Triad

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



CBFDB2



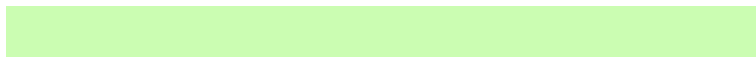
94FAFF



FFD0DE

Complementary

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



CBFDB2



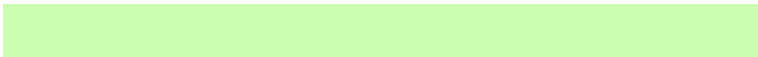
E4B2FD

Split Complementary

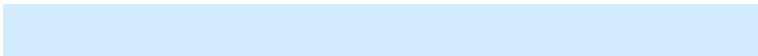
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFD3FF



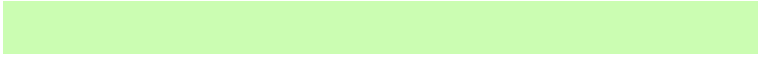
CBFDB2



D3EDFF

Square

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



CBFDB2



65FFFF



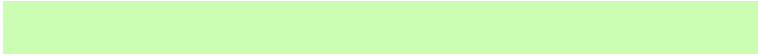
FFDEFF



FFD7B9

Rectangle

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



CBFDB2



7BFFF2



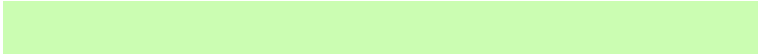
FFDEFF



FFD0EC

Sweetspot

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



CBFDB2



F0FFE8



FDE4B2



768071



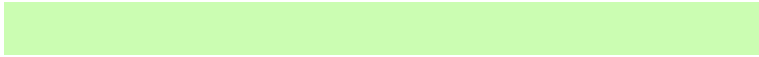
000000



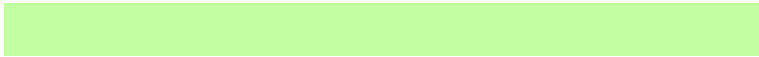
808080

Same Dimension

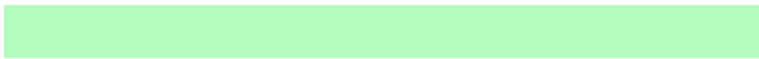
The Same Dimension uses a secret algorithm to generate beautiful new colors.



CBFDB2



C2FFA3



B2FDBE



778073



40BF00



154000

Inverse Universe

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



E4B2FD



E0A3FF



FDB2F1



7B7380



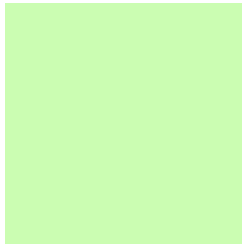
8000BF



2B0040

Previews

White Background



This preview shows how the Hex color CBFDB2 looks on a white background.

Color Contrast Check

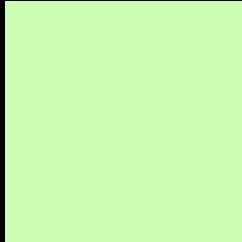
Large Text (above 18pt) WCAG AA × Fail

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 CBFDB2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

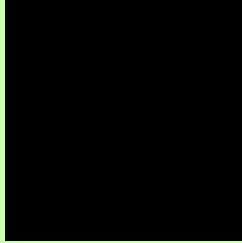
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

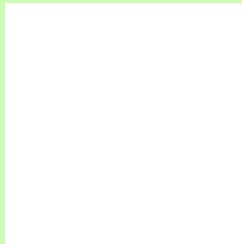
Any Text WCAG AAA ✓ Pass

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

Hex CBFDB2 Background



This preview shows how black text looks on a background with the Hex color CBFDB2.

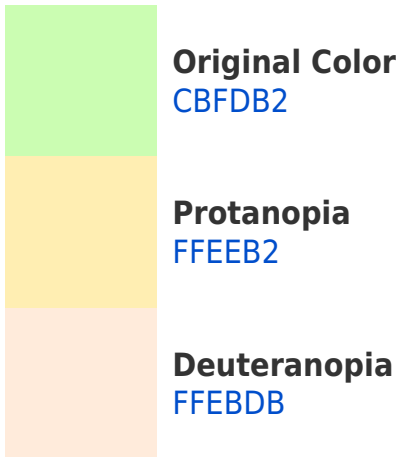


This preview shows how white text looks on a background with the Hex color CBFDB2.

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](#).

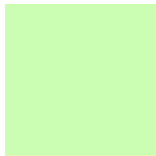
Dichromacy



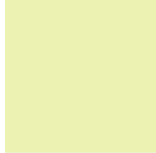


Tritanopia
DFF1FF

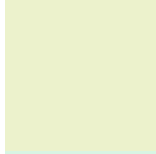
Trichromacy



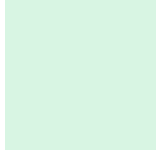
Original Color
CBFDB2



Protanomaly
ECF3B2

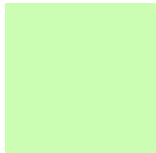


Deuteranomaly
ECF2CC

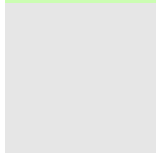


Tritanomaly
D8F5E3

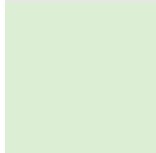
Monochromacy



Original Color
CBFDB2



Achromatopsia
E6E6E6



Achromatomaly
DCEED3

CSS Examples

Text

The CSS property to change the color of the text to Hex CBFDB2 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 #CBFDB2 looks like.

```
.text, #text, p{  
    color:#CBFDB2  
}
```

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 #CBFDB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBFDB2 }  
}
```

Border

The CSS property to change the border of an element to Hex CBFDB2 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 #CBFDB2 }  
}
```

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

```
.border{ border-color:#CBFDB2 }
```

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

Here you see how a box with a 4 pixel #CBFDB2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBFDB2; -webkit-box-shadow:4px 4px  
4px 4px #CBFDB2; box-shadow:4px 4px 4px  
4px #CBFDB2 }
```

Background

The CSS property to change the background color of an element to Hex CBFDB2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBFDB2 }
```

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

```
.background{ background-color:#CBFDB2 }
```

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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