

Converting Colors

Hex(CBF2B2)

Have a look what the booklet for
Hex(CBF2B2) contains.

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Color

Hex(CBF2B2)

Conversions

Conversions Part 1

Format	Color
Hex	CBF2B2
RGB	203, 242, 178
RGB Percent	80%, 95%, 70%
CMY	0.2039, 0.0510, 0.3020
CMYK	0.16, 0.00, 0.26, 0.05
HSL	97°, 71%, 82%
HSV	97°, 26%, 95%
XYZ	64.4166, 79.4151, 54.0530
YIQ	223.0430, -2.7000, -28.1720

Conversions

Conversions Part 2

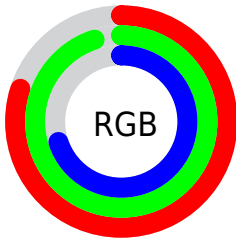
Format	Color
RYB	178, 242, 217
Decimal	13365938
CIELab	91.42, -23.83, 26.85
CIELCh	91, 35.899, 131.593
Yxy	79.4151, 0.3255, 0.4013
Android (android.graphics.Color)	4291556018 (0xFFCBF2B2)
YUV	223.0430, -22.2062, -17.5777
Hunter-Lab	89.1152, -26.9234, 26.4181

Details

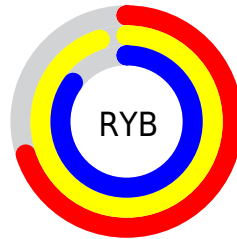
The Hex color **CBF2B2** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **D9B2F2**, and the grayscale version is **DFDFDF**.

A 20% lighter version of the original color is **FFFFEA**, and **94BA7D** is the 20% darker color. If you saturate the color by 10%, you get **BCF29A**, and if you desaturate by 10%, it is **DAF2CA**.

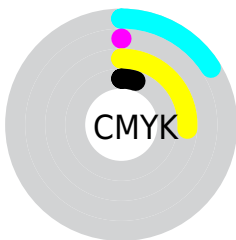
Distribution



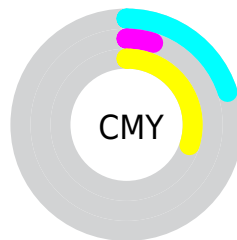
- Red (80%)
- Green (95%)
- Blue (70%)



- Red (70%)
- Yellow (95%)
- Blue (85%)



- Cyan (16%)
- Magenta (0%)
- Yellow (26%)
- Black (5%)



- Cyan (20%)
- Magenta (5%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color CBF2B2 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 CBF2B2 by changing the saturation by 10% instead.

 CBF2B2

FFFFFF

 FFFFEA

 CBF2B2

 AFD697

 94BA7D

 7A9F64

 60844B

 476B34

 2F531D

 183B06

 002500

 000A00

 CBF2B2

 CBF2B2

 BCF29A

 DAF2CA

 AEF282

 E8F2E2

 9FF269

 F7F2FB

 90F251

 FFF2FF

 81F239

 73F221

 64F209

 5FF200

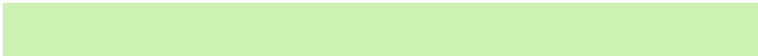
Harmonies

Analogous

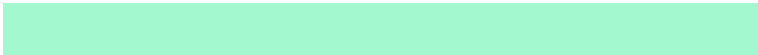
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



F1E9A3



CBF2B2



A3F8D0

Triad

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



CBF2B2



9CF0FF



FFCDDA

Complementary

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



CBF2B2



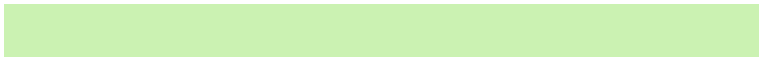
D9B2F2

Split Complementary

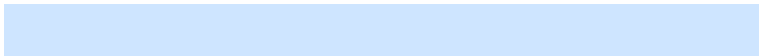
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFD0FD



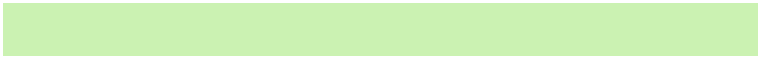
CBF2B2



CEE5FF

Square

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



CBF2B2



7DF7FF



FCD9FF



FFD2BA

Rectangle

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



CBF2B2



8CFAE7



FCD9FF



FFCDE6

Sweetspot

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



CBF2B2



F3FFEB



F2D8B2



788073



000000



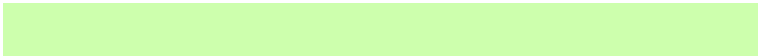
808080

Same Dimension

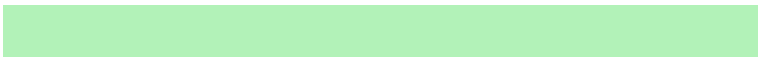
The Same Dimension uses a secret algorithm to generate beautiful new colors.



CBF2B2



CDFFAD



B2F2B8



71786C



48B800



163800

Inverse Universe

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



D9B2F2



DFADFF



F2B2EC



736C78



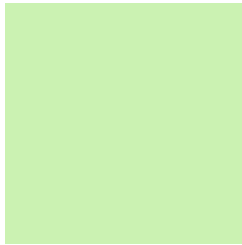
7000B8



220038

Previews

White Background



This preview shows how the Hex color CBF2B2 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 CBF2B2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

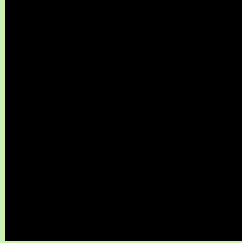
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

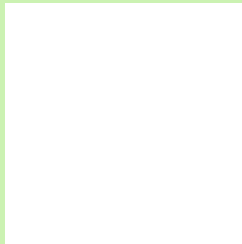
Any Text WCAG AAA ✓ Pass

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

Hex CBF2B2 Background



This preview shows how black text looks on a background with the Hex color CBF2B2.

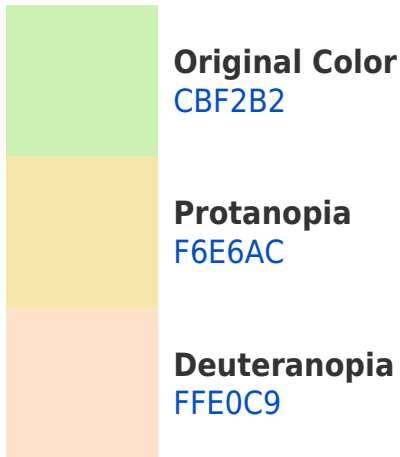


This preview shows how white text looks on a background with the Hex color CBF2B2.

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
D6E8FB

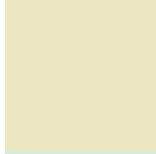
Trichromacy



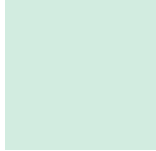
Original Color
CBF2B2



Protanomaly
E6EAAE



Deuteranomaly
ECE7C1

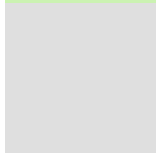


Tritanomaly
D2ECE0

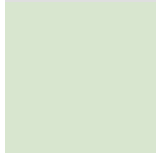
Monochromacy



Original Color
CBF2B2



Achromatopsia
DFDFDF



Achromatomaly
D8E6CF

CSS Examples

Text

The CSS property to change the color of the text to Hex CBF2B2 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 #CBF2B2 looks like.

```
.text, #text, p{  
    color:#CBF2B2  
}
```

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 #CBF2B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBF2B2
}
```

Border

The CSS property to change the border of an element to Hex CBF2B2 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
#CBF2B2 }
```

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

```
.border{ border-color:#CBF2B2 }
```

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

Here you see how a box with a 4 pixel #CBF2B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBF2B2; -webkit-box-shadow:4px 4px  
4px 4px #CBF2B2; box-shadow:4px 4px 4px  
4px #CBF2B2 }
```

Background

The CSS property to change the background color of an element to Hex CBF2B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBF2B2 }
```

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

```
.background{ background-color:#CBF2B2 }
```

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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