

Converting Colors

Hex(C5FEB2)

Have a look what the booklet for
Hex(C5FEB2) contains.

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Color

Hex(C5FEB2)

Conversions

Conversions Part 1

Format	Color
Hex	C5FEB2
RGB	197, 254, 178
RGB Percent	77%, 100%, 70%
CMY	0.2275, 0.0039, 0.3020
CMYK	0.22, 0.00, 0.30, 0.00
HSL	105°, 97%, 85%
HSV	105°, 30%, 100%
XYZ	66.5037, 85.9683, 55.2079
YIQ	228.2930, -9.5760, -35.7200

Conversions

Conversions Part 2

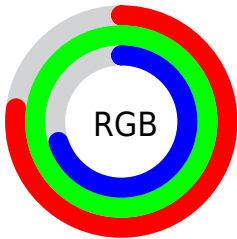
Format	Color
RYB	178, 254, 235
Decimal	12975794
CIELab	94.30, -31.54, 30.69
CIELCh	94, 44.006, 135.783
Yxy	85.9683, 0.3202, 0.4139
Android (android.graphics.Color)	4291165874 (0xFFC5FEB2)
YUV	228.2930, -24.7944, -27.4440
Hunter-Lab	92.7191, -34.2276, 29.6002

Details

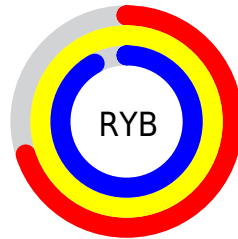
The Hex color **C5FEB2** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **EBB2FE**, and the grayscale version is **E5E5E5**.

A 20% lighter version of the original color is **FFFFEA**, and **8EC57D** is the 20% darker color. If you saturate the color by 10%, you get **B2FE99**, and if you desaturate by 10%, it is **D8FECB**.

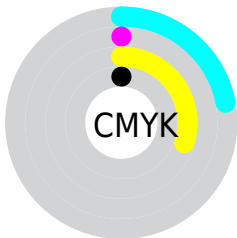
Distribution



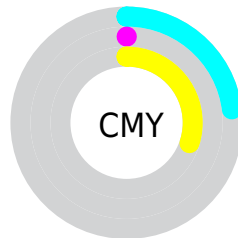
- Red (77%)
- Green (100%)
- Blue (70%)



- Red (70%)
- Yellow (100%)
- Blue (92%)



- Cyan (22%)
- Magenta (0%)
- Yellow (30%)
- Black (0%)



- Cyan (23%)
- Magenta (0%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color C5FEB2 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 C5FEB2 by changing the saturation by 10% instead.

 C5FEB2

FFFFFF

 FFFFEA

 C5FEB2

 A9E197

 8EC57D

 73AA63

 598F4B

 407533

 265C1C

 084403

 002D00

 001800

 C5FEB2

 C5FEB2

 B2FE99

 D8FECB

 9FFE7F

 EBFEE5

 8CFE66

 FEFEFE

 79FE4C

 FFFEFF

 66FE33

 53FE1A

 40FE00

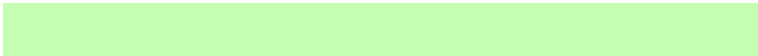
Harmonies

Analogous

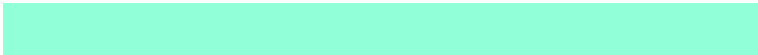
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



F5F39C



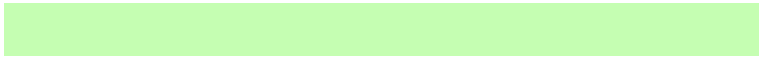
C5FEB2



91FFD8

Triad

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



C5FEB2



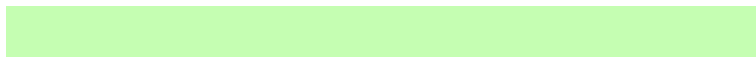
93F9FF



FFCFDA

Complementary

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



C5FEB2



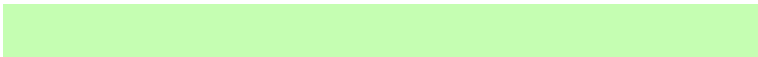
EBB2FE

Split Complementary

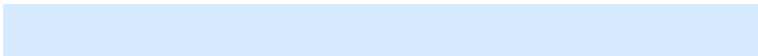
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFD0FF



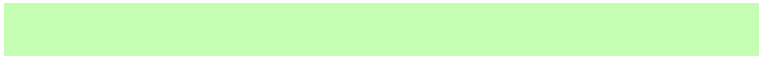
C5FEB2



D7EBFF

Square

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



C5FEB2



5CFFFF



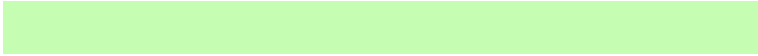
FFDCFF



FFD7B4

Rectangle

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



C5FEB2



6FFFF6



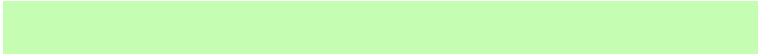
FFDCFF



FFCEE8

Sweetspot

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



C5FEB2



EEFFE8



FEEBB2



758071



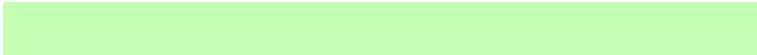
000000



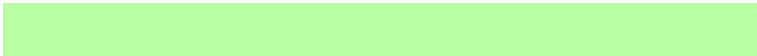
808080

Same Dimension

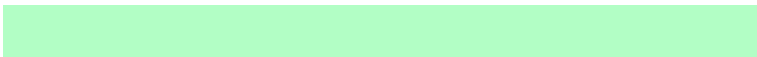
The Same Dimension uses a secret algorithm to generate beautiful new colors.



C5FEB2



BAFFA3



B2FEC5



768073



30BF00



104000

Inverse Universe

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



EBB2FE



E8A3FF



FEB2EB



7C7380



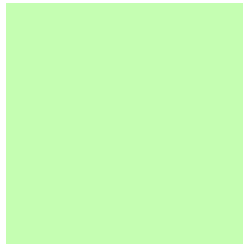
8F00BF



300040

Previews

White Background



This preview shows how the Hex color C5FEB2 looks on a white background.

Color Contrast Check

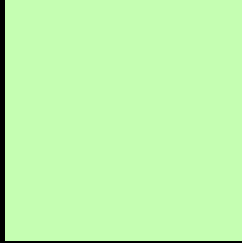
Large Text (above 18pt) WCAG AA × Fail

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 C5FEB2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

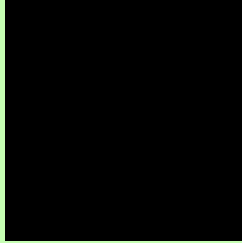
Any Text WCAG AA ✓ Pass

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 C5FEB2 Background



This preview shows how black text looks on a background with the Hex color C5FEB2.

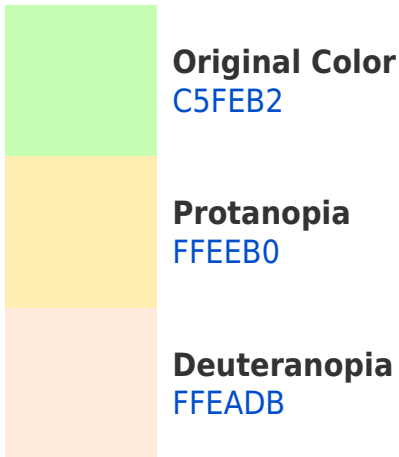


This preview shows how white text looks on a background with the Hex color C5FEB2.

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](#).

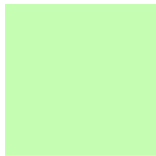
Dichromacy



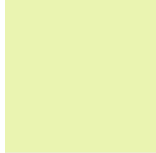


Tritanopia
DCF2FF

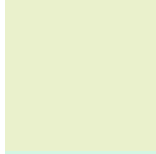
Trichromacy



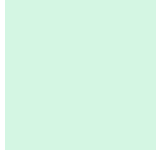
Original Color
C5FEB2



Protanomaly
EAF4B1

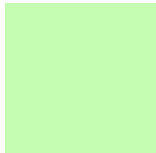


Deuteranomaly
EAF1CC

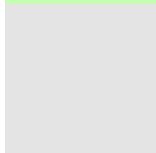


Tritanomaly
D4F6E3

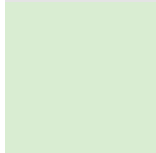
Monochromacy



Original Color
C5FEB2



Achromatopsia
E4E4E4



Achromatomaly
D9EDD2

CSS Examples

Text

The CSS property to change the color of the text to Hex C5FEB2 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 #C5FEB2 looks like.

```
.text, #text, p{  
    color:#C5FEB2  
}
```

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 #C5FEB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5FEB2
}
```

Border

The CSS property to change the border of an element to Hex C5FEB2 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
#C5FEB2 }
```

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

```
.border{ border-color:#C5FEB2 }
```

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

Here you see how a box with a 4 pixel #C5FEB2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5FEB2; -webkit-box-shadow:4px 4px  
4px 4px #C5FEB2; box-shadow:4px 4px 4px  
4px #C5FEB2 }
```

Background

The CSS property to change the background color of an element to Hex C5FEB2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5FEB2 }
```

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

```
.background{ background-color:#C5FEB2 }
```

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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