

Converting Colors

Hex(C1F08B)

Have a look what the booklet for
Hex(C1F08B) contains.

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Color

Hex(C1F08B)

Conversions

Conversions Part 1

Format	Color
Hex	C1F08B
RGB	193, 240, 139
RGB Percent	76%, 94%, 55%
CMY	0.2431, 0.0588, 0.4549
CMYK	0.20, 0.00, 0.42, 0.06
HSL	88°, 77%, 74%
HSV	88°, 42%, 94%
XYZ	57.8126, 75.5217, 35.9562
YIQ	214.4330, 4.4090, -41.3750

Conversions

Conversions Part 2

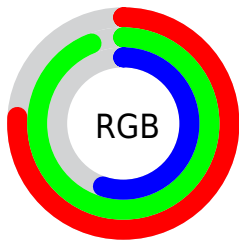
Format	Color
RYB	139, 240, 186
Decimal	12710027
CIELab	89.64, -31.69, 43.89
CIELCh	90, 54.137, 125.829
Yxy	75.5217, 0.3415, 0.4461
Android (android.graphics.Color)	4290900107 (0xFFC1F08B)
YUV	214.4330, -37.1885, -18.7967
Hunter-Lab	86.9032, -33.3330, 36.3010

Details

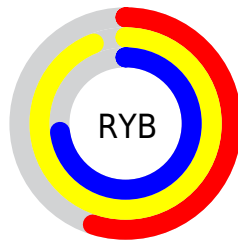
The Hex color **C1F08B** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **BA8BF0**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **FBFFC2**, and **8AB857** is the 20% darker color. If you saturate the color by 10%, you get **B6F073**, and if you desaturate by 10%, it is **CCF0A3**.

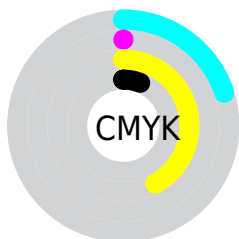
Distribution



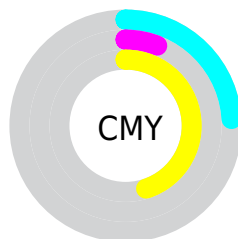
- Red (76%)
- Green (94%)
- Blue (55%)



- Red (55%)
- Yellow (94%)
- Blue (73%)



- Cyan (20%)
- Magenta (0%)
- Yellow (42%)
- Black (6%)



- Cyan (24%)
- Magenta (6%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color C1F08B 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 C1F08B by changing the saturation by 10% instead.

 C1F08B

FFFFFF

 FBFFC2

 FFFFDE

 FFFFFB

 C1F08B

 A5D471

 8AB857

 6F9D3D

 548224

 3A6905

 205100

 003900

 002400

 000000

 C1F08B

 C1F08B

 B6F073

 CCF0A3

 ABF05B

 D7F0BB

 9FF043

 E3F0D3

 94F02B

 EEF0EB

 89F013

 F9F0FF

 80F000

 FFF0FF

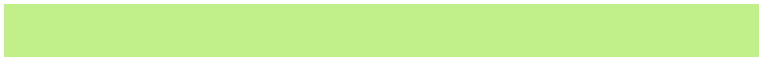
Harmonies

Analogous

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



F8E278



C1F08B



7EF9B5

Triad

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



C1F08B



00F2FF



FFB7D9

Complementary

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



C1F08B



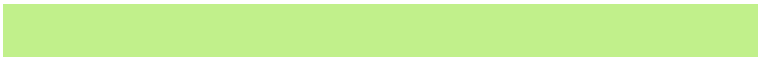
BA8BF0

Split Complementary

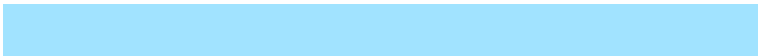
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFBEFF



C1F08B



A1E3FF

Square

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



C1F08B



00FAFF



F4D0FF



FFBFA7

Rectangle

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



C1F08B



3EFCD8



F4D0FF



FFB8EB

Sweetspot

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



C1F08B



F0FFDE



F0B88B



76806B



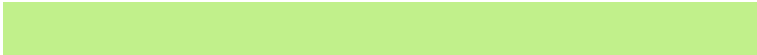
000000



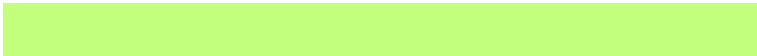
808080

Same Dimension

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



C1F08B



C2FF7D



90F08B



72786C



62B800



1E3800

Inverse Universe

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



BA8BF0



B97DFF



EB8BF0



716C78



5500B8



1A0038

Previews

White Background



This preview shows how the Hex color C1F08B looks on a white background.

Color Contrast Check

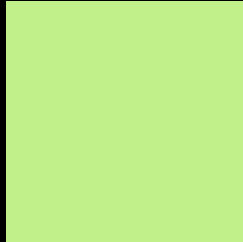
Large Text (above 18pt) WCAG AA × Fail

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 C1F08B 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 C1F08B Background



This preview shows how black text looks on a background with the Hex color C1F08B.

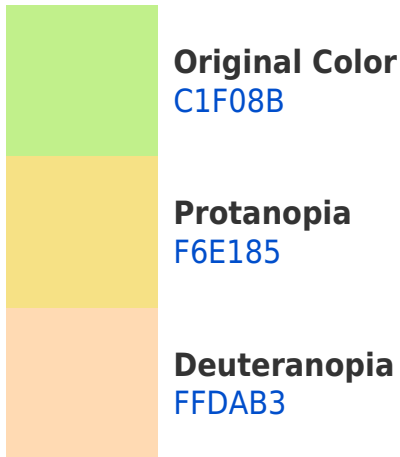


This preview shows how white text looks on a background with the Hex color C1F08B.

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](#).

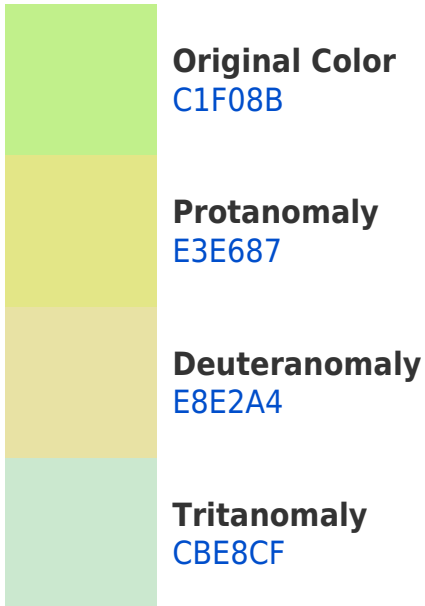
Dichromacy



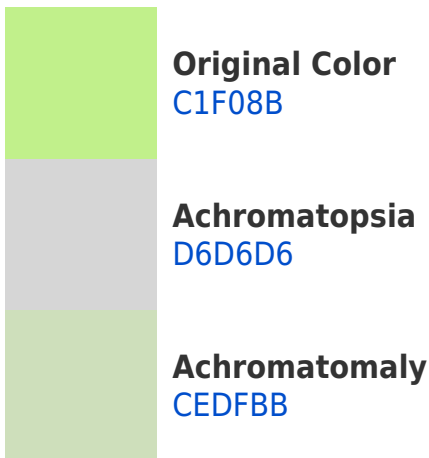


Tritanopia
D0E4F6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C1F08B 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 #C1F08B looks like.

```
.text, #text, p{  
    color:#C1F08B  
}
```

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 #C1F08B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1F08B
}
```

Border

The CSS property to change the border of an element to Hex C1F08B 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
#C1F08B }
```

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

```
.border{ border-color:#C1F08B }
```

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

Here you see how a box with a 4 pixel #C1F08B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1F08B; -webkit-box-shadow:4px 4px  
4px 4px #C1F08B; box-shadow:4px 4px 4px  
4px #C1F08B }
```

Background

The CSS property to change the background color of an element to Hex C1F08B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1F08B }
```

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

```
.background{ background-color:#C1F08B }
```

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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