

Converting Colors

Hex(C4F38A)

Have a look what the booklet for
Hex(C4F38A) contains.

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Color

Hex(C4F38A)

Conversions

Conversions Part 1

Format	Color
Hex	C4F38A
RGB	196, 243, 138
RGB Percent	77%, 95%, 54%
CMY	0.2314, 0.0471, 0.4588
CMYK	0.19, 0.00, 0.43, 0.05
HSL	87°, 81%, 75%
HSV	87°, 43%, 95%
XYZ	59.4030, 77.6719, 35.9061
YIQ	216.9770, 5.6930, -42.6190

Conversions

Conversions Part 2

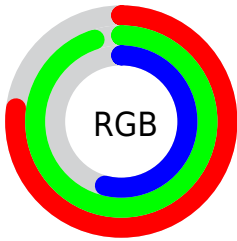
Format	Color
RYB	138, 243, 185
Decimal	12907402
CIELab	90.63, -32.12, 45.67
CIELCh	91, 55.834, 125.121
Yxy	77.6719, 0.3434, 0.4490
Android (android.graphics.Color)	4291097482 (0xFFC4F38A)
YUV	216.9770, -38.9357, -18.3968
Hunter-Lab	88.1317, -33.9169, 37.5366

Details

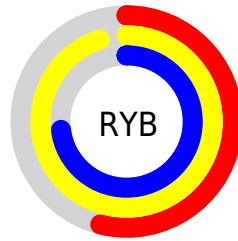
The Hex color **C4F38A** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **B98AF3**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **FEFFC1**, and **8CBB56** is the 20% darker color. If you saturate the color by 10%, you get **B9F372**, and if you desaturate by 10%, it is **CFF3A2**.

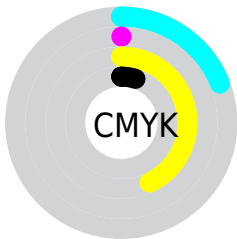
Distribution



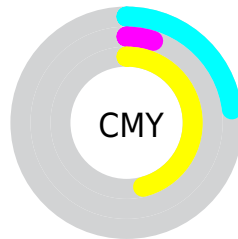
- Red (77%)
- Green (95%)
- Blue (54%)



- Red (54%)
- Yellow (95%)
- Blue (73%)



- Cyan (19%)
- Magenta (0%)
- Yellow (43%)
- Black (5%)



- Cyan (23%)
- Magenta (5%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color C4F38A 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 C4F38A by changing the saturation by 10% instead.

 C4F38A

 C4F38A

FFFFFF

 A8D670

 FEFFC1

 8CBB56

 FFFFDD

 719F3C

 FFFFFA

 578522

 3D6C02

 225300

 023B00

 002600

 000400

 C4F38A

 C4F38A

 B9F372

 CFF3A2

 AEF359

 DAF3BB

 A3F341

 E5F3D3

 98F329

 F0F3EB

 8EF311

 FAF3FF

 86F300

 FFF3FF

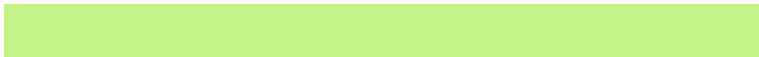
Harmonies

Analogous

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



FDE477



C4F38A



7FFCB5

Triad

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



C4F38A



00F6FF



FFB8DD

Complementary

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



C4F38A



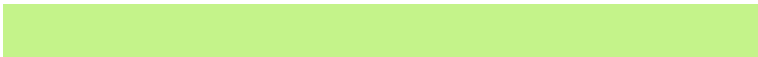
B98AF3

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.



FFC0FF



C4F38A



9FE7FF

Square

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



C4F38A



00FEFF



F5D3FF



FFC0A9

Rectangle

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



C4F38A



39FFD9



F5D3FF



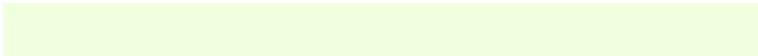
FFB9EF

Sweetspot

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



C4F38A



F0FFDE



F3B78A



76806B



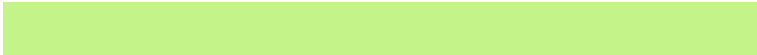
000000



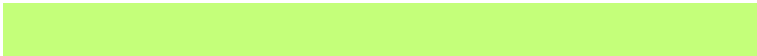
808080

Same Dimension

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



C4F38A



C4FF7A



91F38A



757A6E



67BA00



203B00

Inverse Universe

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



B98AF3



B67AFF



EC8AF3



746E7A



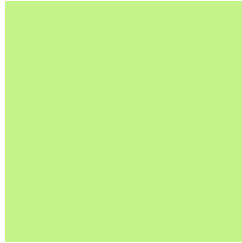
5300BA



1A003B

Previews

White Background



This preview shows how the Hex color C4F38A looks on a white background.

Color Contrast Check

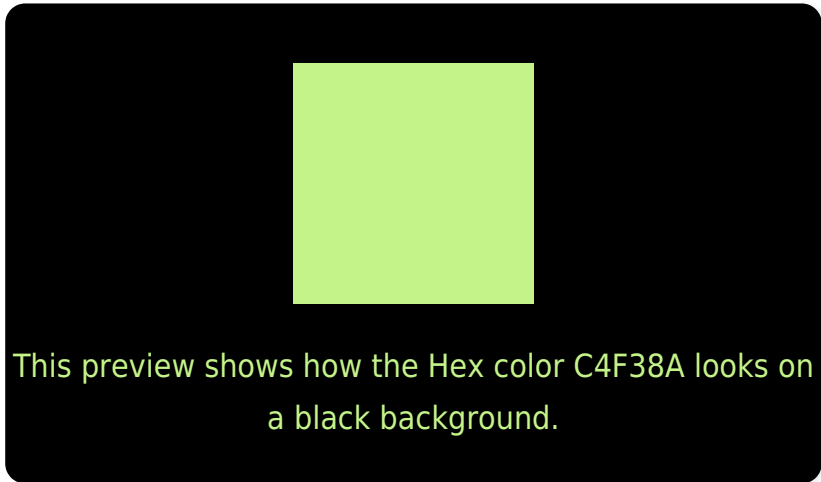
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 C4F38A Background



This preview shows how black text looks on a background with the Hex color C4F38A.

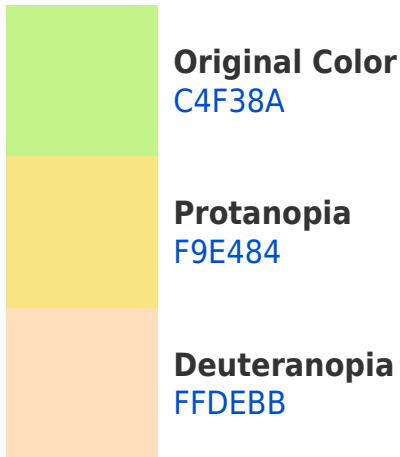


This preview shows how white text looks on a background with the Hex color C4F38A.

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
D3E6F8

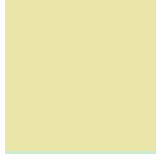
Trichromacy



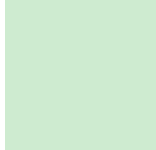
Original Color
C4F38A



Protanomaly
E6E986



Deuteranomaly
EAE6A9

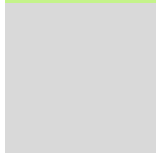


Tritanomaly
CEEBD0

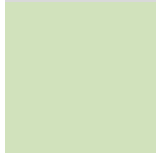
Monochromacy



Original Color
C4F38A



Achromatopsia
D9D9D9



Achromatomaly
D1E2BC

CSS Examples

Text

The CSS property to change the color of the text to Hex C4F38A 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 #C4F38A looks like.

```
.text, #text, p{  
    color:#C4F38A  
}
```

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 #C4F38A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4F38A
}
```

Border

The CSS property to change the border of an element to Hex C4F38A 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
#C4F38A }
```

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

```
.border{ border-color:#C4F38A }
```

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

Here you see how a box with a 4 pixel #C4F38A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4F38A; -webkit-box-shadow:4px 4px  
4px 4px #C4F38A; box-shadow:4px 4px 4px  
4px #C4F38A }
```

Background

The CSS property to change the background color of an element to Hex C4F38A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4F38A }
```

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

```
.background{ background-color:#C4F38A }
```

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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