

Converting Colors

Hex(C4F4AA)

Have a look what the booklet for
Hex(C4F4AA) contains.

Hex(C4F4AA)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C4F4AA)

Conversions

Conversions Part 1

Format	Color
Hex	C4F4AA
RGB	196, 244, 170
RGB Percent	77%, 96%, 67%
CMY	0.2314, 0.0431, 0.3333
CMYK	0.20, 0.00, 0.30, 0.04
HSL	99°, 77%, 81%
HSV	99°, 30%, 96%
XYZ	62.3713, 79.3394, 50.0569
YIQ	221.2120, -4.8540, -33.1900

Conversions

Conversions Part 2

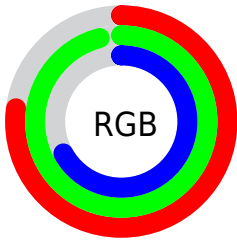
Format	Color
RYB	170, 244, 218
Decimal	12907690
CIELab	91.39, -28.38, 30.79
CIElCh	91, 41.877, 132.668
Yxy	79.3394, 0.3252, 0.4137
Android (android.graphics.Color)	4291097770 (0xFFC4F4AA)
YUV	221.2120, -25.2475, -22.1109
Hunter-Lab	89.0727, -30.8862, 29.0312

Details

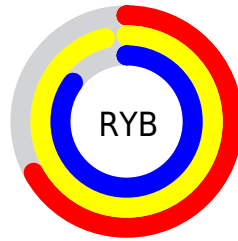
The Hex color **C4F4AA** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **DAAAF4**, and the grayscale version is **DDDDDD**.

A 20% lighter version of the original color is **FDFFE2**, and **8DBC75** is the 20% darker color. If you saturate the color by 10%, you get **B4F492**, and if you desaturate by 10%, it is **D4F4C2**.

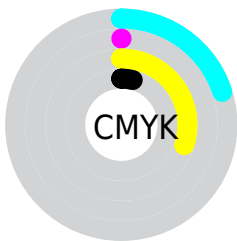
Distribution



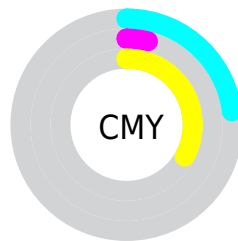
- Red (77%)
- Green (96%)
- Blue (67%)



- Red (67%)
- Yellow (96%)
- Blue (85%)



- Cyan (20%)
- Magenta (0%)
- Yellow (30%)
- Black (4%)



- Cyan (23%)
- Magenta (4%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color C4F4AA 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 C4F4AA by changing the saturation by 10% instead.

 C4F4AA

 C4F4AA

FFFFFF

 A8D78F

 FDFFE2

 8DBC75

 73A05C

 598644

 406D2C

 275415

 0D3C00

 002600

 000900

 C4F4AA

 C4F4AA

 B4F492

 D4F4C2

 A4F479

 E4F4DB

 95F461

 F3F4F3

 85F448

 FFF4FF

 75F430

 65F418

 56F400

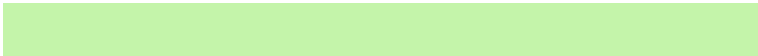
Harmonies

Analogous

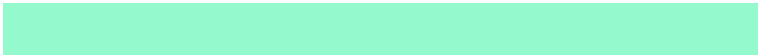
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



F1E997



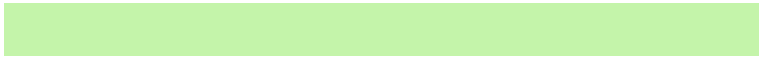
C4F4AA



94FACD

Triad

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



C4F4AA



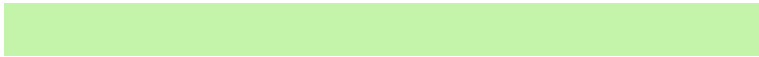
8BF1FF



FFC8D7

Complementary

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



C4F4AA



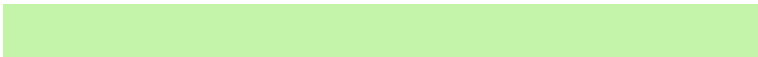
DAAAF4

Split Complementary

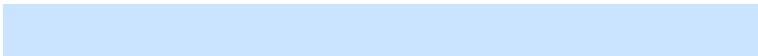
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFCBFF



C4F4AA



CAE4FF

Square

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



C4F4AA



5CF9FF



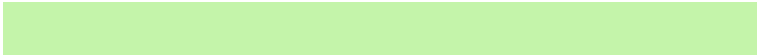
FFD6FF



FFCFB2

Rectangle

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



C4F4AA



74FCE9



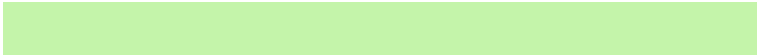
FFD6FF



FFC8E4

Sweetspot

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



C4F4AA



F0FFE8



F4D9AA



768071



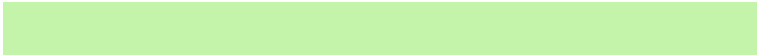
000000



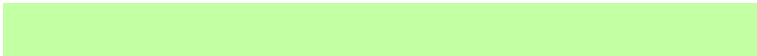
808080

Same Dimension

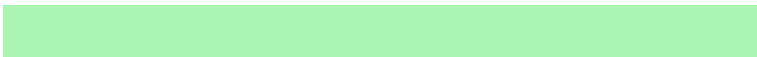
The Same Dimension uses a secret algorithm to generate beautiful new colors.



C4F4AA



C3FFA3



AAF4B4



727A6E



41BA00



153B00

Inverse Universe

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



DAAAF4



DFA3FF



F4AAEA



766E7A



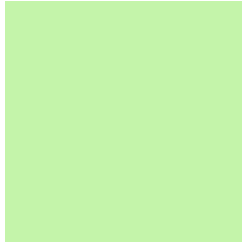
7900BA



26003B

Previews

White Background



This preview shows how the Hex color C4F4AA looks on a white background.

Color Contrast Check

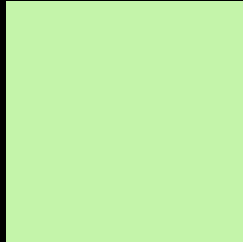
Large Text (above 18pt) WCAG AA × Fail

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 C4F4AA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

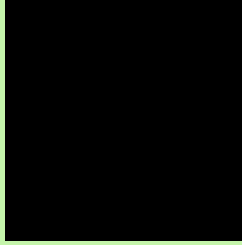
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

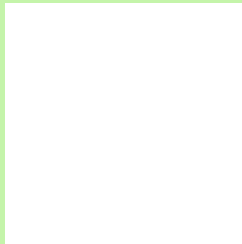
Any Text WCAG AAA ✓ Pass

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

Hex C4F4AA Background



This preview shows how black text looks on a background with the Hex color C4F4AA.

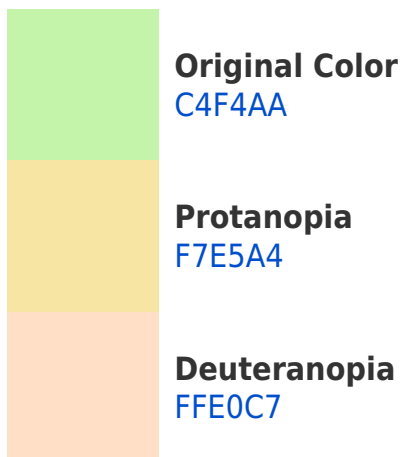


This preview shows how white text looks on a background with the Hex color C4F4AA.

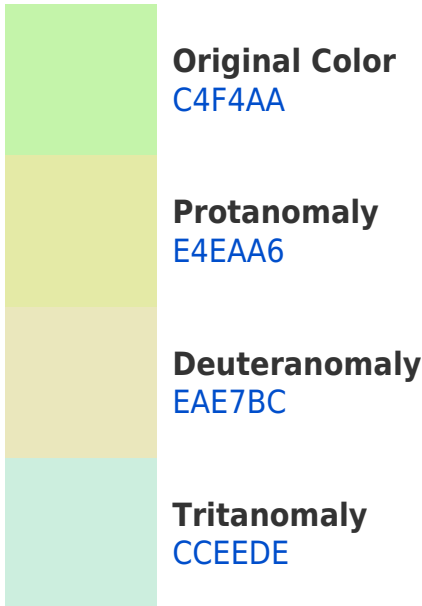
Color Blindness Simulation

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](#).

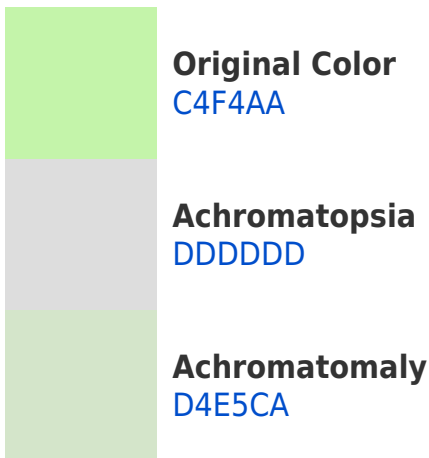
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C4F4AA 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 #C4F4AA looks like.

```
.text, #text, p{  
    color:#C4F4AA  
}
```

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 #C4F4AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4F4AA
}
```

Border

The CSS property to change the border of an element to Hex C4F4AA 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
#C4F4AA }
```

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

```
.border{ border-color:#C4F4AA }
```

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

Here you see how a box with a 4 pixel #C4F4AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4F4AA; -webkit-box-shadow:4px 4px  
4px 4px #C4F4AA; box-shadow:4px 4px 4px  
4px #C4F4AA }
```

Background

The CSS property to change the background color of an element to Hex C4F4AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4F4AA }
```

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

```
.background{ background-color:#C4F4AA }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor