

# Converting Colors

Hex(C3F6A2)

Have a look what the booklet for  
Hex(C3F6A2) contains.

<b>Hex(C3F6A2)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(C3F6A2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C3F6A2
RGB	195, 246, 162
RGB Percent	76%, 96%, 64%
CMY	0.2353, 0.0353, 0.3647
CMYK	0.21, 0.00, 0.34, 0.04
HSL	96°, 82%, 80%
HSV	96°, 34%, 96%
XYZ	61.9830, 80.1223, 46.3807
YIQ	221.1750, -3.4320, -36.9360

# Conversions

## Conversions Part 2

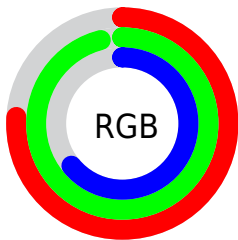
Format	Color
<a href="#">RYB</a>	<a href="#">162, 246, 213</a>
Decimal	<a href="#">12842658</a>
CIELab	<a href="#">91.74, -30.80, 35.27</a>
CIELCh	<a href="#">92, 46.831, 131.129</a>
Yxy	<a href="#">80.1223, 0.3288, 0.4251</a>
Android (android.graphics.Color)	<a href="#">4291032738 (0xFFC3F6A2)</a>
YUV	<a href="#">221.1750, -29.1733, -22.9555</a>
Hunter-Lab	<a href="#">89.5110, -33.0398, 31.9362</a>

# Details

The Hex color **C3F6A2** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **D5A2F6**, and the grayscale version is **DDDDDD**.

A 20% lighter version of the original color is **FDFFD9**, and **8CBD6D** is the 20% darker color. If you saturate the color by 10%, you get **B4F689**, and if you desaturate by 10%, it is **D2F6BB**.

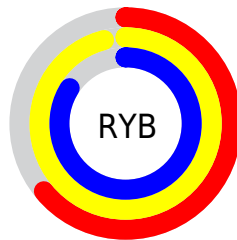
# Distribution



Red (76%)

Green (96%)

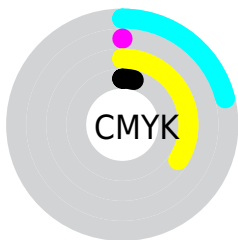
Blue (64%)



Red (64%)

Yellow (96%)

Blue (84%)

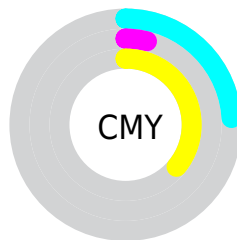


Cyan (21%)

Magenta (0%)

Yellow (34%)

Black (4%)



Cyan (24%)

Magenta (4%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C3F6A2 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 C3F6A2 by changing the saturation by 10% instead.



 C3F6A2

 C3F6A2

FFFFFF

 A7D987

 FDFFD9

 8CBD6D

 FFFFF6

 71A254

 57883C

 3E6E24

 24550A

 093E00

 002800

 000C00

 C3F6A2

 C3F6A2

 B4F689

 D2F6BB

 A5F671

 E1F6D3

 96F658

 F0F6EC

 87F640

 FFF6FF

 78F627

 69F60E

 61F600

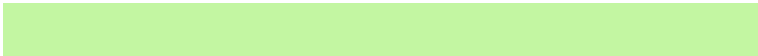
# Harmonies

## Analogous

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



F5EA8E



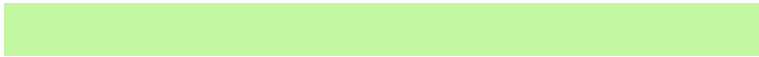
C3F6A2



8BFDC9

# Triad

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



C3F6A2



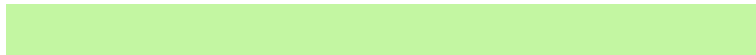
74F4FF



FFC4D8

# Complementary

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



C3F6A2



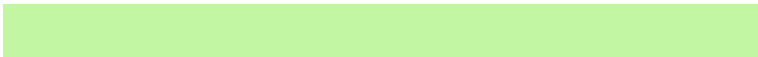
D5A2F6

# Split Complementary

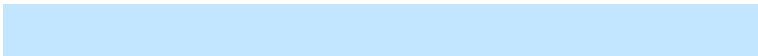
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFC8FF



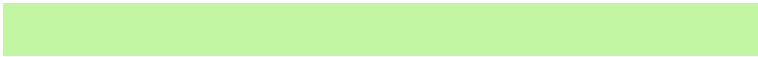
C3F6A2



C2E6FF

# Square

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



C3F6A2



2DFDFF



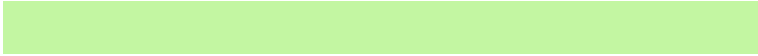
FFD6FF



FFCCA2

# Rectangle

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



C3F6A2



62FFE8



FFD6FF



FFC4E7



# Sweetspot

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



C3F6A2



F0FFE6



F6D4A2



768070



000000

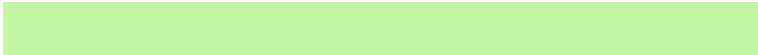


808080

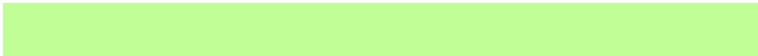


# Same Dimension

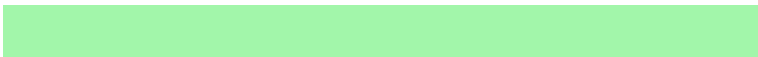
The Same Dimension uses a secret algorithm to generate beautiful new colors.



C3F6A2



C0FF96



A2F6AA



737A6E



49BA00



173B00



# Inverse Universe

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



D5A2F6



D696FF



F6A2EE



766E7A



7100BA

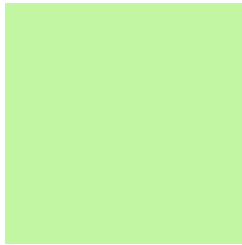


24003B



# Previews

## White Background



This preview shows how the Hex color C3F6A2 looks on a white background.

## Color Contrast Check

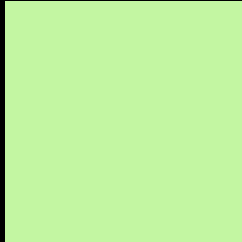
Large Text (above 18pt) WCAG AA × Fail

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 C3F6A2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

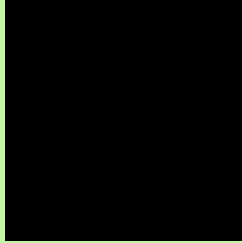
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C3F6A2 Background



This preview shows how black text looks on a background with the Hex color C3F6A2.

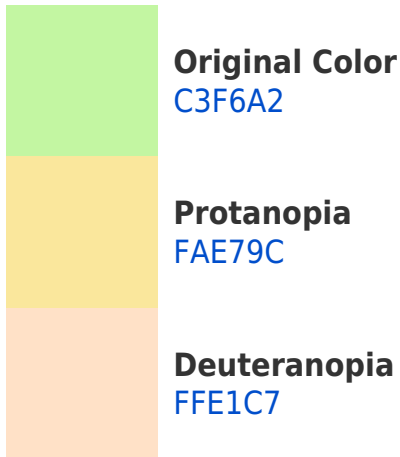


This preview shows how white text looks on a background with the Hex color C3F6A2.

# 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](#).

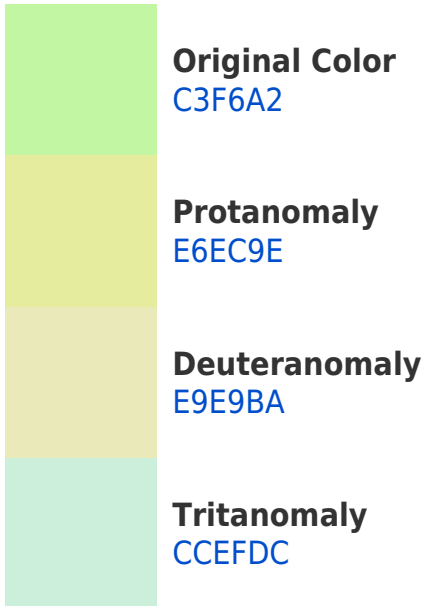
## Dichromacy



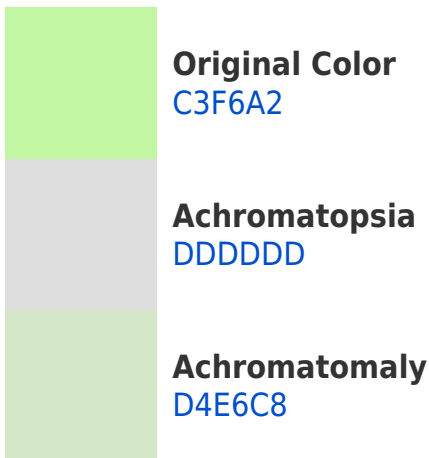


**Tritanopia**  
D1EBFD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C3F6A2 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 #C3F6A2 looks like.

```
.text, #text, p{  
    color:#C3F6A2  
}
```

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 #C3F6A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3F6A2
}
```

## Border

The CSS property to change the border of an element to Hex C3F6A2 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
#C3F6A2 }
```

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

```
.border{ border-color:#C3F6A2 }
```

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

Here you see how a box with a 4 pixel #C3F6A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3F6A2; -webkit-box-shadow:4px 4px  
4px 4px #C3F6A2; box-shadow:4px 4px 4px  
4px #C3F6A2 }
```

# Background

The CSS property to change the background color of an element to Hex C3F6A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3F6A2 }
```

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

```
.background{ background-color:#C3F6A2 }
```

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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