

Converting Colors

Hex(C3F496)

Have a look what the booklet for
Hex(C3F496) contains.

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Color

Hex(C3F496)

Conversions

Conversions Part 1

Format	Color
Hex	C3F496
RGB	195, 244, 150
RGB Percent	76%, 96%, 59%
CMY	0.2353, 0.0431, 0.4118
CMYK	0.20, 0.00, 0.39, 0.04
HSL	91°, 81%, 77%
HSV	91°, 39%, 96%
XYZ	60.3614, 78.5055, 40.8259
YIQ	218.6330, 0.9700, -39.6220

Conversions

Conversions Part 2

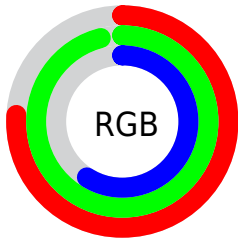
Format	Color
RYB	150, 244, 199
Decimal	12842134
CIELab	91.01, -31.47, 40.28
CIElCh	91, 51.119, 128.001
Yxy	78.5055, 0.3359, 0.4369
Android (android.graphics.Color)	4291032214 (0xFFC3F496)
YUV	218.6330, -33.8361, -20.7261
Hunter-Lab	88.6033, -33.4519, 34.7032

Details

The Hex color **C3F496** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **C796F4**, and the grayscale version is **DBDBDB**.

A 20% lighter version of the original color is **FDFLCD**, and **8CBC62** is the 20% darker color. If you saturate the color by 10%, you get **B6F47E**, and if you desaturate by 10%, it is **D0F4AE**.

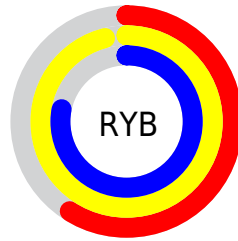
Distribution



Red (76%)

Green (96%)

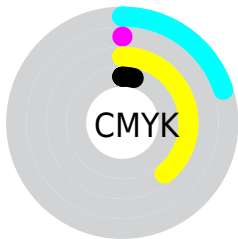
Blue (59%)



Red (59%)

Yellow (96%)

Blue (78%)

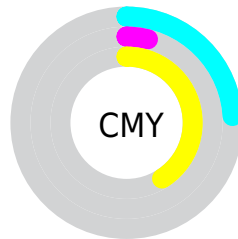


Cyan (20%)

Magenta (0%)

Yellow (39%)

Black (4%)



Cyan (24%)

Magenta (4%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color C3F496 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 C3F496 by changing the saturation by 10% instead.

 C3F496

 C3F496

FFFFFF

 A7D77B

 FDFEED

 8CBC62

 FFFFEA

 71A048

 578630

 3D6C16

 235400

 063C00

 002700

 000700

 C3F496

 C3F496

 B6F47E

 D0F4AE

 AAF465

 DCF4C7

 9DF44D

 E9F4DF

 90F434

 F6F4F8

 83F41C

 FFF4FF

 77F404

 75F400

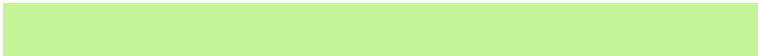
Harmonies

Analogous

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



F8E782



C3F496



85FCBF

Triad

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



C3F496



4EF4FF



FFBEDA

Complementary

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



C3F496



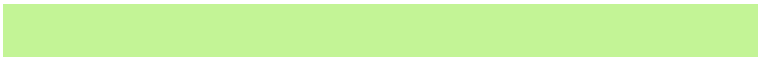
C796F4

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.



FFC4FF



C3F496



B2E6FF

Square

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



C3F496



00DFF



FCD4FF



FFC6AB

Rectangle

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



C3F496



50FFE0



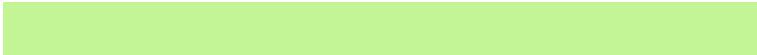
FCD4FF



FFBFEA

Sweetspot

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



C3F496



EFFFE0



F4C796



76806E



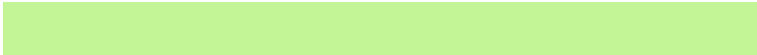
000000



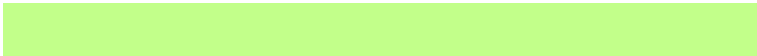
808080

Same Dimension

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



C3F496



C2FF8A



96F498



747A6E



59BA00



1C3B00

Inverse Universe

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



C796F4



C78AFF



F496F2



756E7A



6100BA



1F003B

Previews

White Background



This preview shows how the Hex color C3F496 looks on a white background.

Color Contrast Check

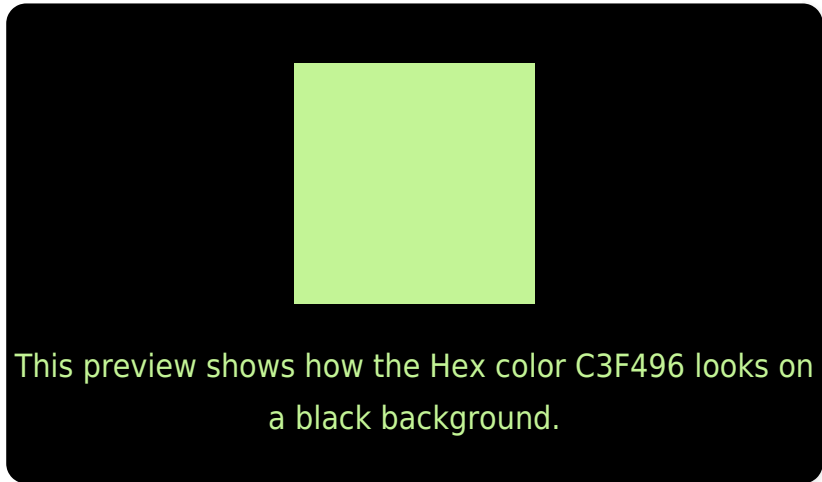
Large Text (above 18pt) WCAG AA × Fail

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

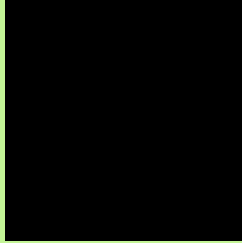
Any Text WCAG AA ✓ Pass

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 C3F496 Background



This preview shows how black text looks on a background with the Hex color C3F496.

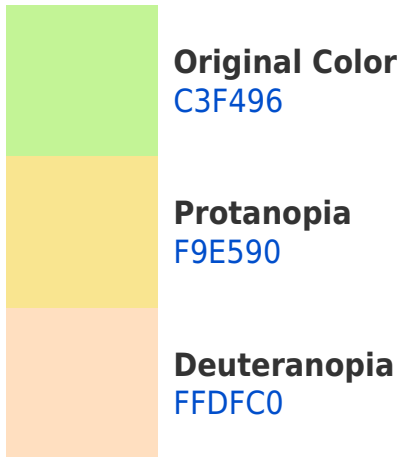


This preview shows how white text looks on a background with the Hex color C3F496.

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



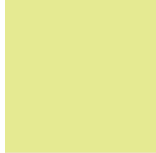


Tritanopia
D2E8FA

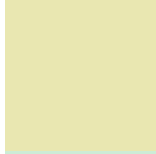
Trichromacy



Original Color
C3F496



Protanomaly
E5EA92



Deuteranomaly
E9E7B1

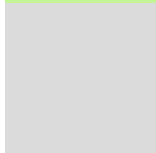


Tritanomaly
CDECD6

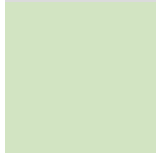
Monochromacy



Original Color
C3F496



Achromatopsia
DBDBDB



Achromatomaly
D2E4C2

CSS Examples

Text

The CSS property to change the color of the text to Hex C3F496 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 #C3F496 looks like.

```
.text, #text, p{  
    color:#C3F496  
}
```

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 #C3F496 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3F496
}
```

Border

The CSS property to change the border of an element to Hex C3F496 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
#C3F496 }
```

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

```
.border{ border-color:#C3F496 }
```

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

Here you see how a box with a 4 pixel #C3F496 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3F496; -webkit-box-shadow:4px 4px  
4px 4px #C3F496; box-shadow:4px 4px 4px  
4px #C3F496 }
```

Background

The CSS property to change the background color of an element to Hex C3F496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3F496 }
```

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

```
.background{ background-color:#C3F496 }
```

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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