

# Converting Colors

Hex(C3F693)

Have a look what the booklet for  
Hex(C3F693) contains.

<b>Hex(C3F693)</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(C3F693)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C3F693
RGB	195, 246, 147
RGB Percent	76%, 96%, 58%
CMY	0.2353, 0.0353, 0.4235
CMYK	0.21, 0.00, 0.40, 0.04
HSL	91°, 85%, 77%
HSV	91°, 40%, 96%
XYZ	60.7279, 79.6202, 39.7713
YIQ	219.4650, 1.3830, -41.6010

# Conversions

## Conversions Part 2

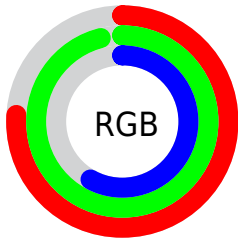
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">147, 246, 198</a>
Decimal	<a href="#">12842643</a>
<a href="#">CIELab</a>	<a href="#">91.51, -32.78, 42.40</a>
<a href="#">CIElCh</a>	<a href="#">92, 53.595, 127.704</a>
<a href="#">Yxy</a>	<a href="#">79.6202, 0.3372, 0.4420</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4291032723 (0xFFC3F693)</a>
<a href="#">YUV</a>	<a href="#">219.4650, -35.7252, -21.4558</a>
<a href="#">Hunter-Lab</a>	<a href="#">89.2302, -34.6700, 36.0346</a>

# Details

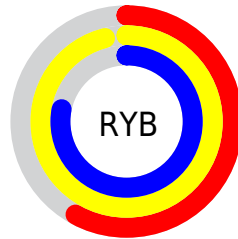
The Hex color **C3F693** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **C693F6**, and the grayscale version is **DCDCDC**.

A 20% lighter version of the original color is **FDFPCA**, and **8BBD5F** is the 20% darker color. If you saturate the color by 10%, you get **B6F67A**, and if you desaturate by 10%, it is **D0F6AC**.

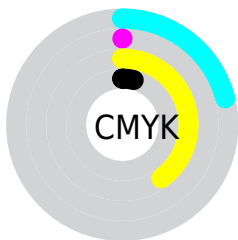
# Distribution



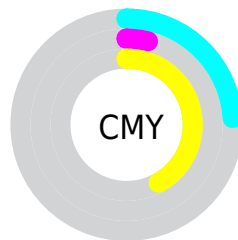
- Red (76%)
- Green (96%)
- Blue (58%)



- Red (58%)
- Yellow (96%)
- Blue (78%)



- Cyan (21%)
- Magenta (0%)
- Yellow (40%)
- Black (4%)



- Cyan (24%)
- Magenta (4%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C3F693 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 C3F693 by changing the saturation by 10% instead.



 C3F693

FFFFFF

 FDFPCA

 FFFFE7

 C3F693

 A7D978

 8BBD5F

 71A245

 56882C

 3C6E11

 225500

 033E00

 002800

 000A00

 C3F693

 C3F693

 B6F67A

 D0F6AC

 AAF662

 DCF6C4

 9DF649

 E9F6DD

 90F631

 F6F6F5

 84F618

 FFF6FF

 77F600

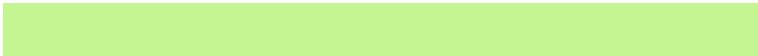
# Harmonies

## Analogous

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



FAE87F



C3F693



80FFBE

# Triad

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



C3F693



38F7FF



FFBDD8

# Complementary

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



C3F693



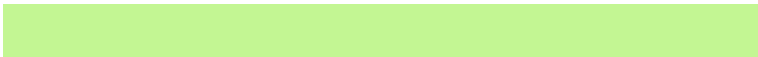
C693F6

# Split Complementary

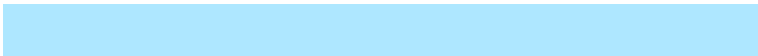
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFC3FF



C3F693



AEE7FF

# Square

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



C3F693



00FFFF



FDD4FF



FFC5AA

# Rectangle

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



C3F693



43FFE1



FDD4FF



FFBEED



# Sweetspot

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



C3F693



EFFFE0



F6C493



76806E



000000

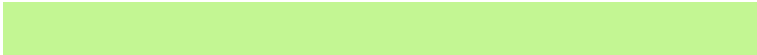


808080

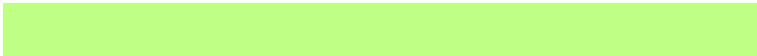


# Same Dimension

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



C3F693



C0FF85



93F693



747A6E



5ABA00



1C3B00



# Inverse Universe

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



C693F6



C485FF



F693F6



746E7A



6000BA

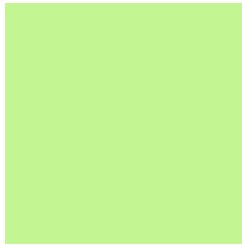


1E003B



# Previews

## White Background



This preview shows how the Hex color C3F693 looks on a white background.

## Color Contrast Check

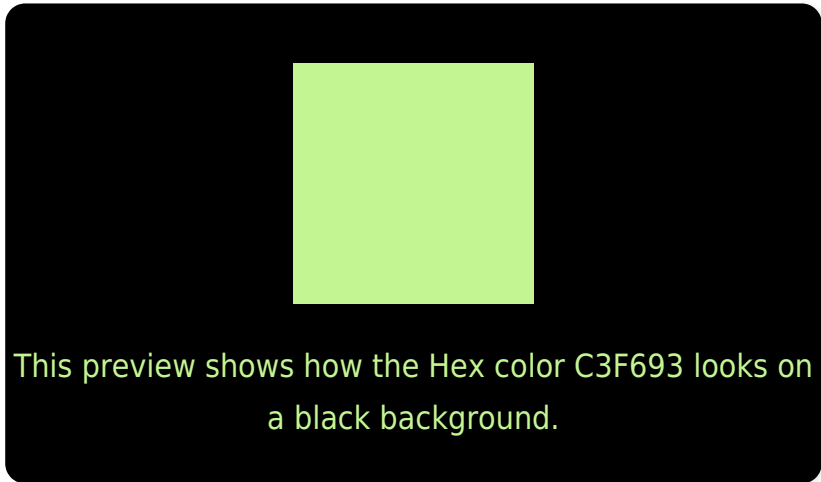
Large Text (above 18pt) WCAG AA × Fail

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 C3F693 Background



This preview shows how black text looks on a background with the Hex color C3F693.

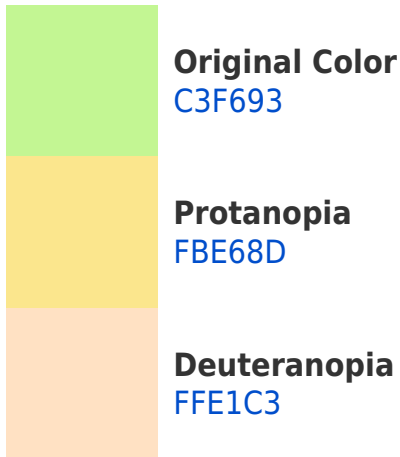


This preview shows how white text looks on a background with the Hex color C3F693.

# 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

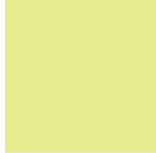




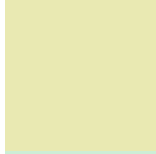
# Trichromacy



**Original Color**  
C3F693



**Protanomaly**  
E7EC8F



**Deuteranomaly**  
E9E9B2

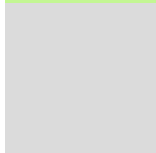


**Tritanomaly**  
CDEED6

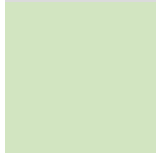
# Monochromacy



**Original Color**  
C3F693



**Achromatopsia**  
DBDBDB



**Achromatomaly**  
D2E5C1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C3F693 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 #C3F693 looks like.

```
.text, #text, p{  
    color:#C3F693  
}
```

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 #C3F693 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3F693
}
```

## Border

The CSS property to change the border of an element to Hex C3F693 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
#C3F693 }
```

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

```
.border{ border-color:#C3F693 }
```

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

Here you see how a box with a 4 pixel #C3F693 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3F693; -webkit-box-shadow:4px 4px  
4px 4px #C3F693; box-shadow:4px 4px 4px  
4px #C3F693 }
```

# Background

The CSS property to change the background color of an element to Hex C3F693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3F693 }
```

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

```
.background{ background-color:#C3F693 }
```

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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