

# Converting Colors

Hex(C3F79F)

Have a look what the booklet for  
Hex(C3F79F) contains.

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# **Color**

**Hex(C3F79F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C3F79F
RGB	195, 247, 159
RGB Percent	76%, 97%, 62%
CMY	0.2353, 0.0314, 0.3765
CMYK	0.21, 0.00, 0.36, 0.03
HSL	95°, 85%, 80%
HSV	95°, 36%, 97%
XYZ	62.0244, 80.6268, 45.0944
YIQ	221.4200, -2.7440, -38.3920

# Conversions

## Conversions Part 2

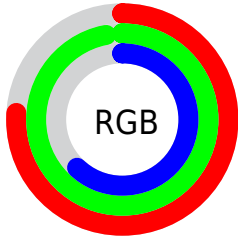
Format	Color
<a href="#">RYB</a>	<a href="#">159, 247, 211</a>
Decimal	<a href="#">12842911</a>
CIELab	<a href="#">91.97, -31.68, 37.07</a>
CIELCh	<a href="#">92, 48.761, 130.518</a>
Yxy	<a href="#">80.6268, 0.3304, 0.4294</a>
Android (android.graphics.Color)	<a href="#">4291032991</a> <a href="#">(0xFFC3F79F)</a>
YUV	<a href="#">221.4200, -30.7731, -23.1703</a>
Hunter-Lab	<a href="#">89.7924, -33.8373, 33.0789</a>

# Details

The Hex color **C3F79F** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **D39FF7**, and the grayscale version is **DEDEDE**.

A 20% lighter version of the original color is **FDFFD6**, and **8CBE6A** is the 20% darker color. If you saturate the color by 10%, you get **B4F786**, and if you desaturate by 10%, it is **D2F7B8**.

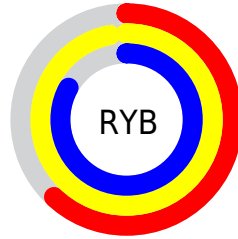
# Distribution



Red (76%)

Green (97%)

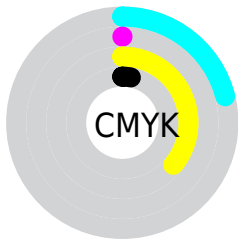
Blue (62%)



Red (62%)

Yellow (97%)

Blue (83%)

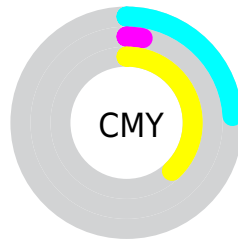


Cyan (21%)

Magenta (0%)

Yellow (36%)

Black (3%)



Cyan (24%)

Magenta (3%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C3F79F 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 C3F79F by changing the saturation by 10% instead.



 C3F79F

FFFFFF

 FDFFD6

 FFFFF3

 C3F79F

 A7DA84

 8CBE6A

 71A351

 578939

 3D6F20

 235605

 083E00

 002800

 000D00

 C3F79F

 C3F79F

 B4F786

 D2F7B8

 A6F76E

 E0F7D0

 97F755

 EFF7E9

 89F73C

 FDF7FF

 7AF724

 FFF7FF

 6BF70B

 65F700

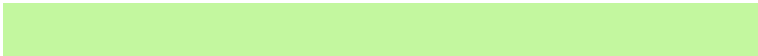
# Harmonies

## Analogous

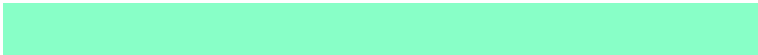
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



F6EA8A



C3F79F



88FFC7

# Triad

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



C3F79F



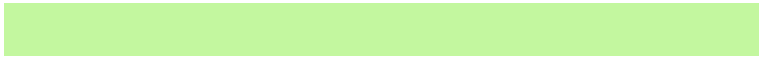
6AF5FF



FFC3D9

# Complementary

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



C3F79F



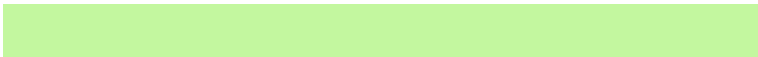
D39FF7

# Split Complementary

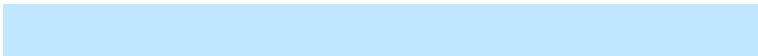
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFC7FF



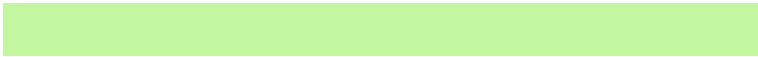
C3F79F



BFE7FF

# Square

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



C3F79F



00FEFF



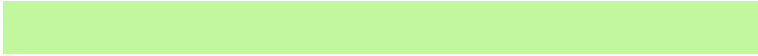
FFD6FF



FFCBAF

# Rectangle

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



C3F79F



5AFFE7



FFD6FF



FFC3E9



# Sweetspot

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



C3F79F



EEFFE3



F7D29F



76806F



000000

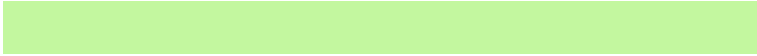


808080



# Same Dimension

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



C3F79F



BEFF91



9FF7A6



737A6E



4CBA00



183B00



# Inverse Universe

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



D39FF7



D291FF



F79FF0



756E7A



6E00BA



23003B



# Previews

## White Background



This preview shows how the Hex color C3F79F looks on a white background.

## Color Contrast Check

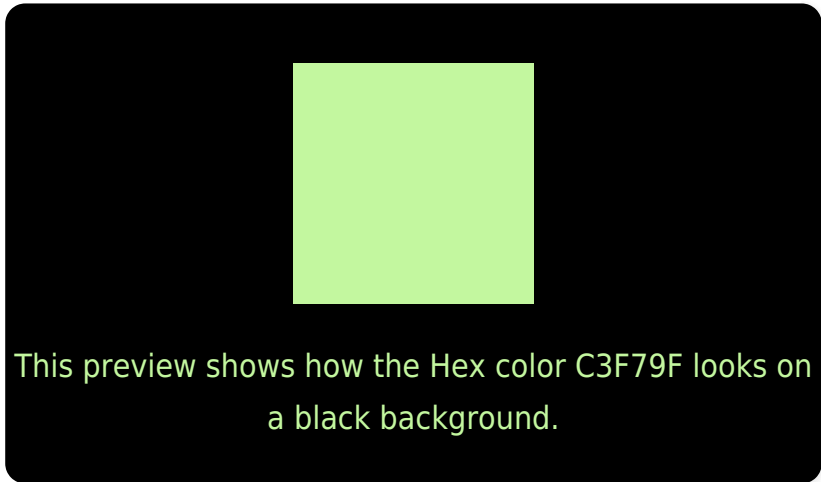
Large Text (above 18pt) WCAG AA × Fail

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

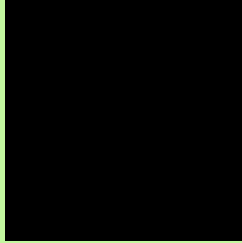
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C3F79F Background



This preview shows how black text looks on a background with the Hex color C3F79F.

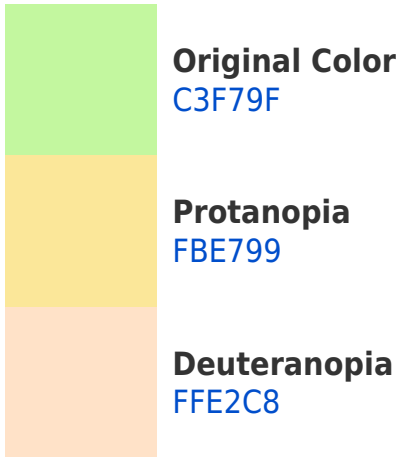


This preview shows how white text looks on a background with the Hex color C3F79F.

# 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



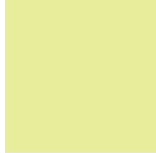


**Tritanopia**  
D2EBFE

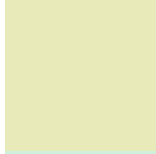
# Trichromacy



**Original Color**  
C3F79F



**Protanomaly**  
E7ED9B

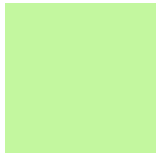


**Deuteranomaly**  
E9EAB9

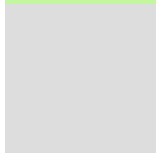


**Tritanomaly**  
CDEFDB

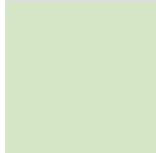
# Monochromacy



**Original Color**  
C3F79F



**Achromatopsia**  
DDDDDD



**Achromatomaly**  
D4E6C6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C3F79F 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 #C3F79F looks like.

```
.text, #text, p{  
    color:#C3F79F  
}
```

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 #C3F79F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3F79F
}
```

## Border

The CSS property to change the border of an element to Hex C3F79F 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
#C3F79F }
```

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

```
.border{ border-color:#C3F79F }
```

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

Here you see how a box with a 4 pixel #C3F79F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3F79F; -webkit-box-shadow:4px 4px  
4px 4px #C3F79F; box-shadow:4px 4px 4px  
4px #C3F79F }
```

# Background

The CSS property to change the background color of an element to Hex C3F79F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3F79F }
```

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

```
.background{ background-color:#C3F79F }
```

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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