

# Converting Colors

Hex(C3FF95)

Have a look what the booklet for  
Hex(C3FF95) contains.

<b>Hex(C3FF95)</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(C3FF95)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C3FF95
RGB	195, 255, 149
RGB Percent	76%, 100%, 58%
CMY	0.2353, 0.0000, 0.4157
CMYK	0.24, 0.00, 0.42, 0.00
HSL	94°, 100%, 79%
HSV	94°, 42%, 100%
XYZ	63.6905, 85.2920, 41.5399
YIQ	224.9760, -1.7340, -45.6860

# Conversions

## Conversions Part 2

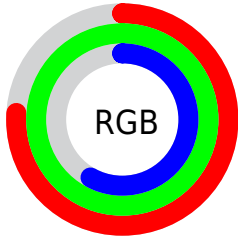
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">149, 255, 209</a>
Decimal	<a href="#">12844949</a>
CIELab	<a href="#">94.01, -36.64, 44.62</a>
CIElCh	<a href="#">94, 57.731, 129.393</a>
Yxy	<a href="#">85.2920, 0.3343, 0.4477</a>
Android (android.graphics.Color)	<a href="#">4291035029 (0xFFC3FF95)</a>
YUV	<a href="#">224.9760, -37.4562, -26.2890</a>
Hunter-Lab	<a href="#">92.3537, -38.5188, 37.9794</a>

# Details

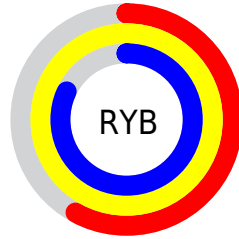
The Hex color **C3FF95** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **D195FF**, and the grayscale version is **E1E1E1**.

A 20% lighter version of the original color is **FDFFC**, and **8BC660** is the 20% darker color. If you saturate the color by 10%, you get **B5FF7C**, and if you desaturate by 10%, it is **D1FFAF**.

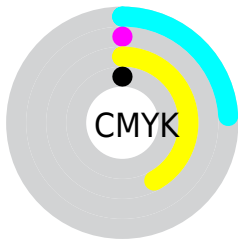
# Distribution



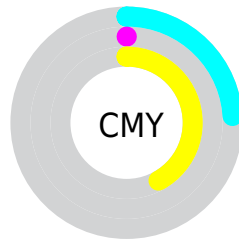
- Red (76%)
- Green (100%)
- Blue (58%)



- Red (58%)
- Yellow (100%)
- Blue (82%)



- Cyan (24%)
- Magenta (0%)
- Yellow (42%)
- Black (0%)



- Cyan (24%)
- Magenta (0%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C3FF95 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 C3FF95 by changing the saturation by 10% instead.



 C3FF95

 C3FF95

FFFFFF

 A7E27A

 FDFECC


 8BC660

 FFFFE9

 70AA47

 55902D

 3B7611

 1E5D00

 004400

 002E00

 001700

 C3FF95

 C3FF95

 B5FF7C

 D1FFAF

 A6FF62

 E0FFC8

 98FF49

 EEFFE2

 89FF2F

 FDFFFB

 7BFF16

FFFFFF

 6FFF00

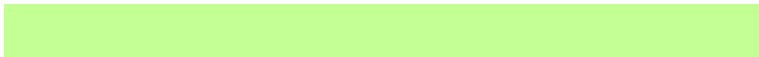
# Harmonies

## Analogous

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



FFF07D



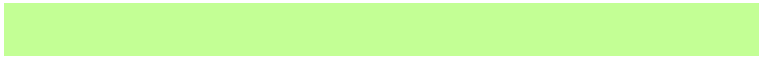
C3FF95



78FFC5

# Triad

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



C3FF95



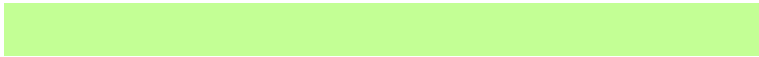
1AFEFF



FFCODE

# Complementary

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



C3FF95



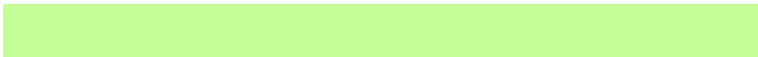
D195FF

# Split Complementary

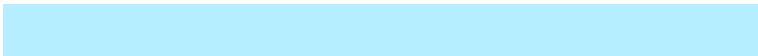
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFC6FF



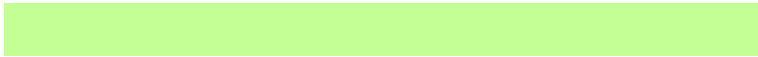
C3FF95



B4EEFF

# Square

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



C3FF95



00FFFF



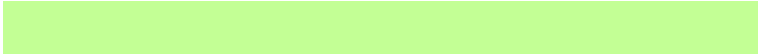
FFD9FF



FFCAAA

# Rectangle

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



C3FF95



19FFEB



FFD9FF

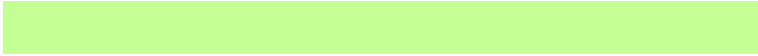


FFC0F1



# Sweetspot

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



C3FF95



EEFFE0



FFCF95



75806E



000000

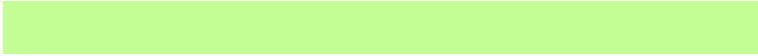


808080



# Same Dimension

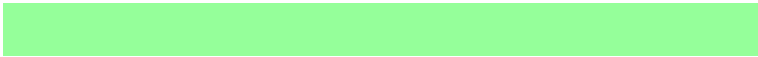
The Same Dimension uses a secret algorithm to generate beautiful new colors.



C3FF95



B7FF80



95FF9A



788073



53BF00



1C4000



# Inverse Universe

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



D195FF



C880FF



FF95FA



7A7380



6C00BF

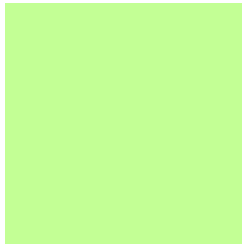


240040



# Previews

## White Background



This preview shows how the Hex color C3FF95 looks on a white background.

## Color Contrast Check

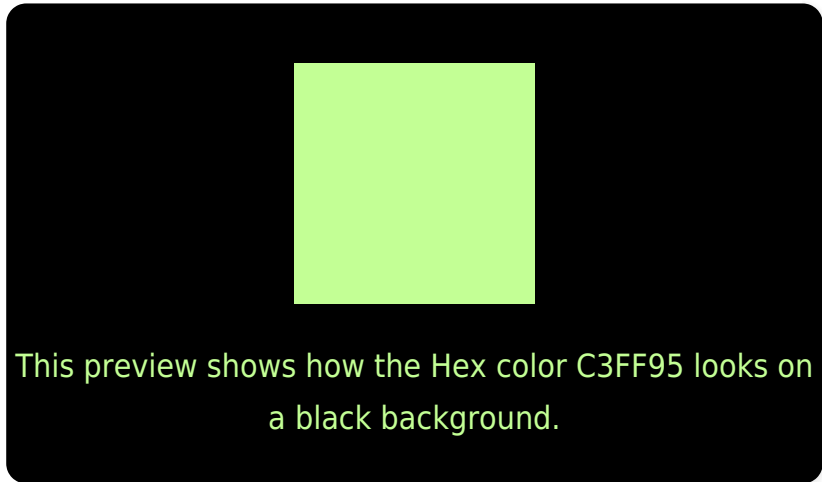
Large Text (above 18pt) WCAG AA × Fail

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

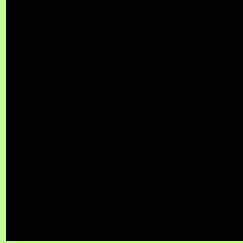
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

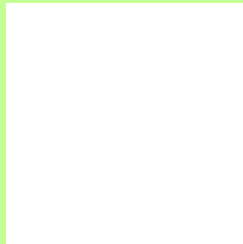
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C3FF95 Background



This preview shows how black text looks on a background with the Hex color C3FF95.

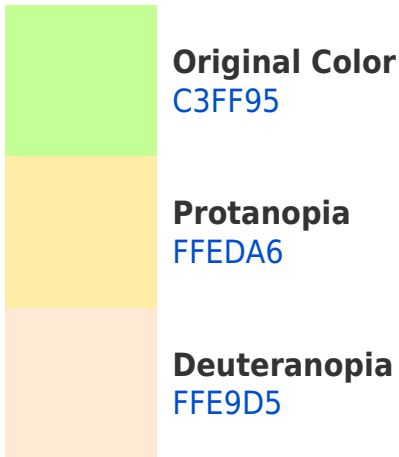


This preview shows how white text looks on a background with the Hex color C3FF95.

# 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



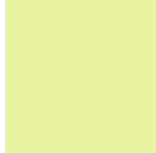


**Tritanopia**  
DBF1FF

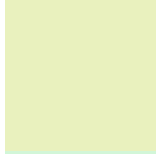
# Trichromacy



**Original Color**  
C3FF95



**Protanomaly**  
E9F4A0

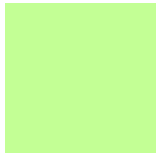


**Deuteranomaly**  
E9F1BE

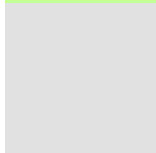


**Tritanomaly**  
D2F6D8

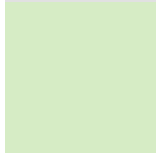
# Monochromacy



**Original Color**  
C3FF95



**Achromatopsia**  
E1E1E1



**Achromatomaly**  
D6ECC5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C3FF95 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 #C3FF95 looks like.

```
.text, #text, p{  
    color:#C3FF95  
}
```

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 #C3FF95 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3FF95
}
```

## Border

The CSS property to change the border of an element to Hex C3FF95 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
#C3FF95 }
```

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

```
.border{ border-color:#C3FF95 }
```

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

Here you see how a box with a 4 pixel #C3FF95 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3FF95; -webkit-box-shadow:4px 4px  
4px 4px #C3FF95; box-shadow:4px 4px 4px  
4px #C3FF95 }
```

# Background

The CSS property to change the background color of an element to Hex C3FF95 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3FF95 }
```

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

```
.background{ background-color:#C3FF95 }
```

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