

Converting Colors

Hex(C3FF5C)

Have a look what the booklet for
Hex(C3FF5C) contains.

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Color

Hex(C3FF5C)

Conversions

Conversions Part 1

Format	Color
Hex	C3FF5C
RGB	195, 255, 92
RGB Percent	76%, 100%, 36%
CMY	0.2353, 0.0000, 0.6392
CMYK	0.24, 0.00, 0.64, 0.00
HSL	82°, 100%, 68%
HSV	82°, 64%, 100%
XYZ	60.1974, 83.8948, 23.1458
YIQ	218.4780, 16.5630, -63.4130

Conversions

Conversions Part 2

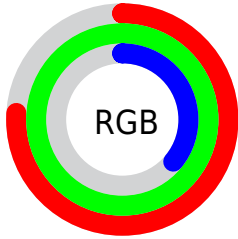
Format	Color
RYB	92, 255, 152
Decimal	12844892
CIELab	93.40, -42.18, 69.27
CIElCh	93, 81.101, 121.342
Yxy	83.8948, 0.3600, 0.5016
Android (android.graphics.Color)	4291034972 (0xFFC3FF5C)
YUV	218.4780, -62.3537, -20.5902
Hunter-Lab	91.5941, -42.9760, 49.1333

Details

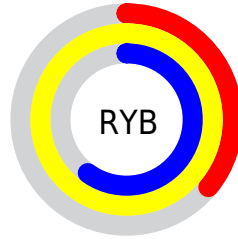
The Hex color **C3FF5C** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted yellow. A complement of this color would be **985CFF**, and the grayscale version is **DBDBDB**.

A 20% lighter version of the original color is **FFFF95**, and **89C61C** is the 20% darker color. If you saturate the color by 10%, you get **BAFF43**, and if you desaturate by 10%, it is **CCFF76**.

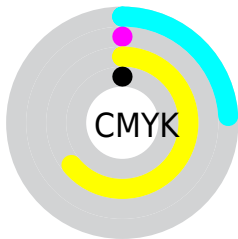
Distribution



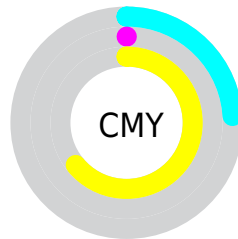
- Red (76%)
- Green (100%)
- Blue (36%)



- Red (36%)
- Yellow (100%)
- Blue (60%)



- Cyan (24%)
- Magenta (0%)
- Yellow (64%)
- Black (0%)



- Cyan (24%)
- Magenta (0%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color C3FF5C 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 C3FF5C by changing the saturation by 10% instead.

 C3FF5C

FFFFFF

 FFFF95

 FFFFB1

 FFFFCE

 FFFFEB

 C3FF5C

 A6E23F

 89C61C

 6DAA00

 509000

 337600

 0D5C00

 004400

 002E00

 001400

 C3FF5C

 C3FF5C

 BAFF43

 CCFF76

 B0FF29

 D6FF8F

 A7FF10

 DFFFA9

 A1FF00

 E9FFC2

 F2FFDC

 FBFFF5

FFFFFF

Harmonies

Analogous

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



FFE940



C3FF5C



48FF9D

Triad

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



C3FF5C



00FFFF



FFA3EC

Complementary

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



C3FF5C



985CFF

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.



FFB5FF



C3FF5C



00F4FF

Square

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



C3FF5C



00FFFF



F2D6FF



FFAE9F

Rectangle

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



C3FF5C



00FFD2



F2D6FF



FFA6FF

Sweetspot

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



C3FF5C



EDFFCF



FF985C



758062



000000



808080

Same Dimension

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



C3FF5C



B7FF3B



72FF5C



7B8073



79BF00



284000

Inverse Universe

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



985CFF



833BFF



E95CFF



777380



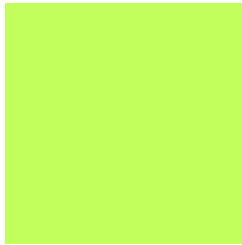
4600BF



170040

Previews

White Background



This preview shows how the Hex color C3FF5C looks on a white background.

Color Contrast Check

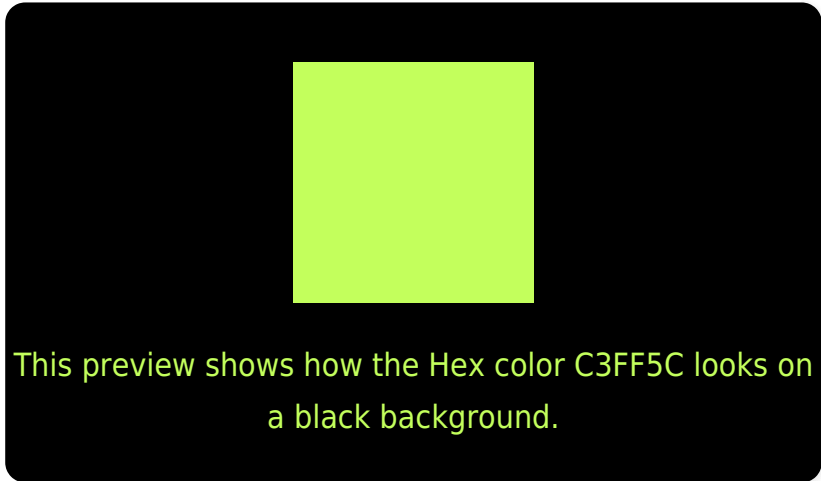
Large Text (above 18pt) WCAG AA × Fail

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 C3FF5C Background



This preview shows how black text looks on a background with the Hex color C3FF5C.

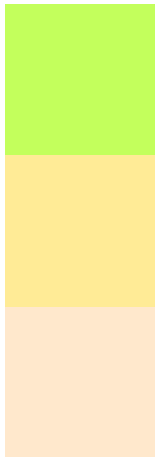


This preview shows how white text looks on a background with the Hex color C3FF5C.

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

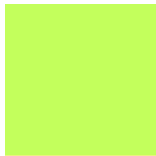


Original Color
C3FF5C

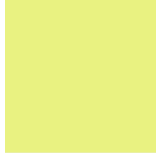
Protanopia
FFEB96

Deuteranopia
FFE8CC

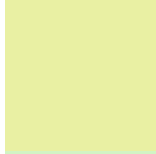
Trichromacy



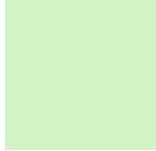
Original Color
C3FF5C



Protanomaly
E9F281

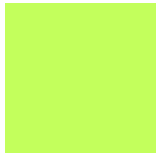


Deuteranomaly
E9F0A3

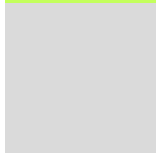


Tritanomaly
D2F4C4

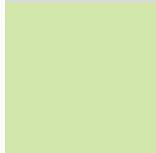
Monochromacy



Original Color
C3FF5C



Achromatopsia
DADADA



Achromatomaly
D2E7AC

CSS Examples

Text

The CSS property to change the color of the text to Hex C3FF5C 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 #C3FF5C looks like.

```
.text, #text, p{  
    color:#C3FF5C  
}
```

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 #C3FF5C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3FF5C
}
```

Border

The CSS property to change the border of an element to Hex C3FF5C 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
#C3FF5C }
```

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

```
.border{ border-color:#C3FF5C }
```

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

Here you see how a box with a 4 pixel #C3FF5C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3FF5C; -webkit-box-shadow:4px 4px  
4px 4px #C3FF5C; box-shadow:4px 4px 4px  
4px #C3FF5C }
```

Background

The CSS property to change the background color of an element to Hex C3FF5C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3FF5C }
```

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

```
.background{ background-color:#C3FF5C }
```

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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