

Converting Colors

Hex(C8FF5E)

Have a look what the booklet for
Hex(C8FF5E) contains.

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Color

Hex(C8FF5E)

Conversions

Conversions Part 1

Format	Color
Hex	C8FF5E
RGB	200, 255, 94
RGB Percent	78%, 100%, 37%
CMY	0.2157, 0.0000, 0.6314
CMYK	0.22, 0.00, 0.63, 0.00
HSL	80°, 100%, 68%
HSV	80°, 63%, 100%
XYZ	61.5998, 84.6075, 23.6739
YIQ	220.2010, 18.9010, -61.7310

Conversions

Conversions Part 2

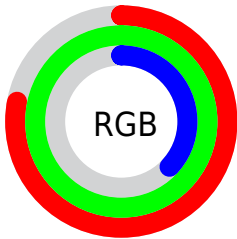
Format	Color
R_{YB}	94, 255, 149
Decimal	13172574
CIE _{Lab}	93.71, -40.21, 68.90
CIE _{LCh}	94, 79.772, 120.267
Yxy	84.6075, 0.3626, 0.4980
Android (android.graphics.Color)	4291362654 (0xFFC8FF5E)
YUV	220.2010, -62.2171, -17.7163
Hunter-Lab	91.9823, -41.4292, 49.1279

Details

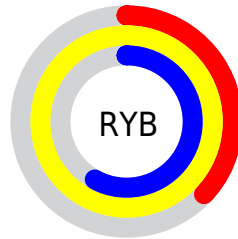
The Hex color **C8FF5E** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted yellow. A complement of this color would be **955EFF**, and the grayscale version is **DDDDDD**.

A 20% lighter version of the original color is **FFFF96**, and **8EC61F** is the 20% darker color. If you saturate the color by 10%, you get **BFFF45**, and if you desaturate by 10%, it is **D1FF78**.

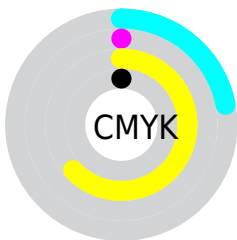
Distribution



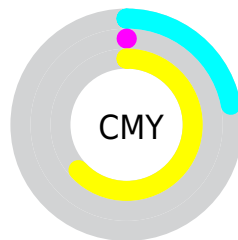
- Red (78%)
- Green (100%)
- Blue (37%)



- Red (37%)
- Yellow (100%)
- Blue (58%)



- Cyan (22%)
- Magenta (0%)
- Yellow (63%)
- Black (0%)



- Cyan (22%)
- Magenta (0%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color C8FF5E 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 C8FF5E by changing the saturation by 10% instead.

 C8FF5E

 C8FF5E

FFFFFF

 ABE241

 FFFF96

 8EC61F

 FFFFB3

 72AB00

 FFFF00

 559000

 FFFF66

 397600

 185D00

 004500

 002E00

 001500

 C8FF5E

 C8FF5E

 BFFF45

 D1FF78

 B7FF2B

 D9FF91

 AEFF12

 E2FFAB

 A8FF00

 EBFFC4

 F4FFDE

 FCFFF7

FFFFFF

Harmonies

Analogous

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



FFE946



C8FF5E



56FF9D

Triad

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



C8FF5E



00FFFF



FFA6EF

Complementary

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



C8FF5E



955EFF

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.



FFB8FF



C8FF5E



00F5FF

Square

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



C8FF5E



00FFFF



EFD8FF



FFB0A4

Rectangle

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



C8FF5E



00FFD0



EFD8FF



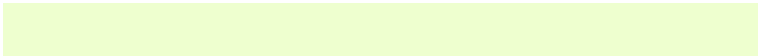
FFA9FF

Sweetspot

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



C8FF5E



EEFFCF



FF945E



758062



000000



808080

Same Dimension

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



C8FF5E



BDF3D



79FF5E



7B8073



7EBF00



2A4000

Inverse Universe

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



955EFF



7F3DFF



E45EFF



777380



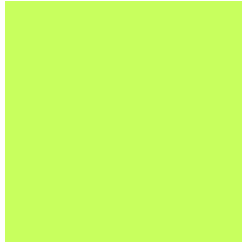
4100BF



160040

Previews

White Background



This preview shows how the Hex color C8FF5E looks on a white background.

Color Contrast Check

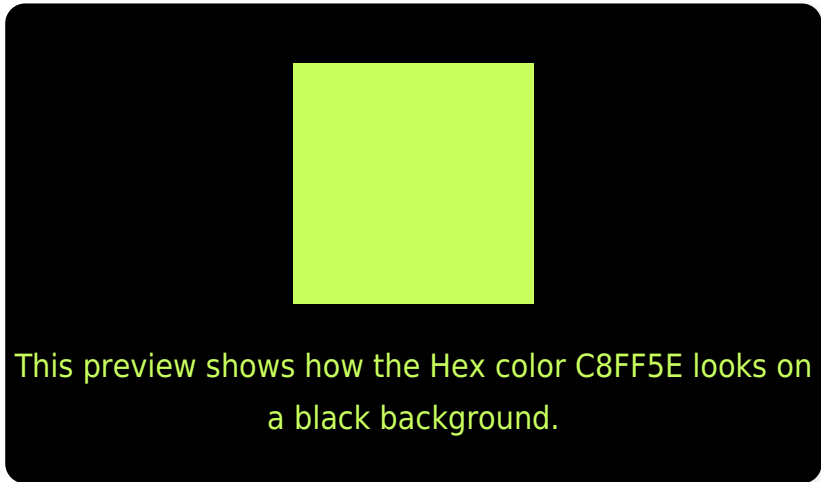
Large Text (above 18pt) WCAG AA × Fail

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 C8FF5E Background



This preview shows how black text looks on a background with the Hex color C8FF5E.

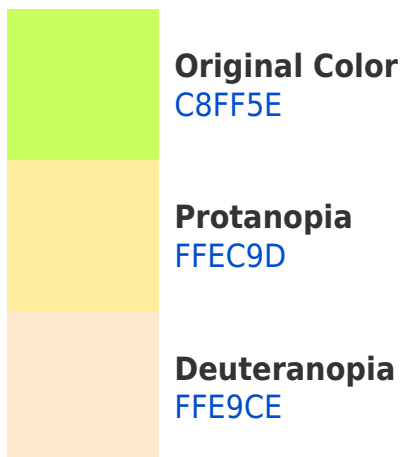


This preview shows how white text looks on a background with the Hex color C8FF5E.

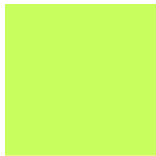
Color Blindness Simulation

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



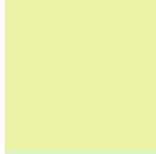
Trichromacy



Original Color
C8FF5E



Protanomaly
EBF386

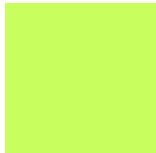


Deuteranomaly
EBF1A5

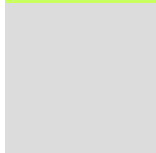


Tritanomaly
D6F4C4

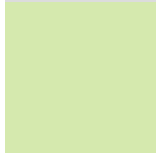
Monochromacy



Original Color
C8FF5E



Achromatopsia
DCDCDC



Achromatomaly
D5E9AE

CSS Examples

Text

The CSS property to change the color of the text to Hex C8FF5E 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 #C8FF5E looks like.

```
.text, #text, p{  
    color:#C8FF5E  
}
```

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 #C8FF5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C8FF5E
}
```

Border

The CSS property to change the border of an element to Hex C8FF5E 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
#C8FF5E }
```

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

```
.border{ border-color:#C8FF5E }
```

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

Here you see how a box with a 4 pixel #C8FF5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C8FF5E; -webkit-box-shadow:4px 4px  
4px 4px #C8FF5E; box-shadow:4px 4px 4px  
4px #C8FF5E }
```

Background

The CSS property to change the background color of an element to Hex C8FF5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C8FF5E }
```

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

```
.background{ background-color:#C8FF5E }
```

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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