

Converting Colors

Hex(C4FF57)

Have a look what the booklet for
Hex(C4FF57) contains.

Hex(C4FF57)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C4FF57)

Conversions

Conversions Part 1

Format	Color
Hex	C4FF57
RGB	196, 255, 87
RGB Percent	77%, 100%, 34%
CMY	0.2314, 0.0000, 0.6588
CMYK	0.23, 0.00, 0.66, 0.00
HSL	81°, 100%, 67%
HSV	81°, 66%, 100%
XYZ	60.2452, 83.9439, 22.0444
YIQ	218.2070, 18.7640, -64.7560

Conversions

Conversions Part 2

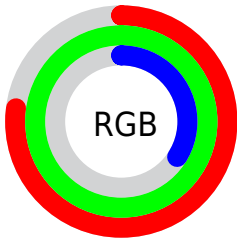
Format	Color
R _Y B	87, 255, 146
Decimal	12910423
CIE Lab	93.43, -42.16, 71.23
CIE LCh	93, 82.771, 120.623
Yxy	83.9439, 0.3624, 0.5050
Android (android.graphics.Color)	4291100503 (0xFFC4FF57)
YUV	218.2070, -64.6851, -19.4755
Hunter-Lab	91.6209, -42.9640, 49.8692

Details

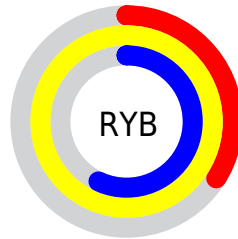
The Hex color **C4FF57** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted yellow. A complement of this color would be **9257FF**, and the grayscale version is **DBDBDB**.

A 20% lighter version of the original color is **FFFF90**, and **8AC611** is the 20% darker color. If you saturate the color by 10%, you get **BBFF3E**, and if you desaturate by 10%, it is **CDFF71**.

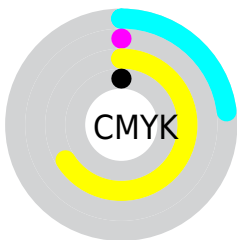
Distribution



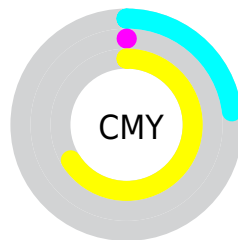
- Red (77%)
- Green (100%)
- Blue (34%)



- Red (34%)
- Yellow (100%)
- Blue (57%)



- Cyan (23%)
- Magenta (0%)
- Yellow (66%)
- Black (0%)



- Cyan (23%)
- Magenta (0%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color C4FF57 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 C4FF57 by changing the saturation by 10% instead.

 C4FF57

 C4FF57

FFFFFF

 A7E239


 FFFF90

 8AC611

 FFFFAD

 6DAA00

 FFFPCA

 519000

 FFFFE7

 337600

 0D5D00

 004400

 002E00

 001400

 C4FF57

 C4FF57

 BBFF3E

 CDFF71

 B2FF24

 D6FF8A

 A9FF0B

 DFFFA4

 A5FF00

 E8FFBD

 F1FFD7

 FAFFF0

FFFFFF

Harmonies

Analogous

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



FFE93B



C4FF57



46FF9A

Triad

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



C4FF57



00FFFF



FFA1EE

Complementary

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



C4FF57



9257FF

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.



FFB4FF



C4FF57



00F5FF

Square

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



C4FF57



00FFFF



EFD6FF



FFAC9F

Rectangle

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



C4FF57



00FFCF



EFD6FF



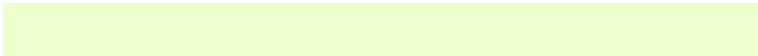
FFA4FF

Sweetspot

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



C4FF57



EDFFCC



FF9257



758061



000000



808080

Same Dimension

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



C4FF57



B8FF36



70FF57



7B8073



7CBF00



294000

Inverse Universe

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



9257FF



7C36FF



E657FF



777380



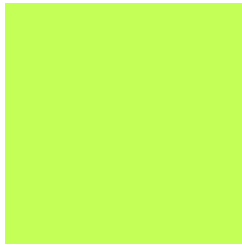
4300BF



160040

Previews

White Background



This preview shows how the Hex color C4FF57 looks on a white background.

Color Contrast Check

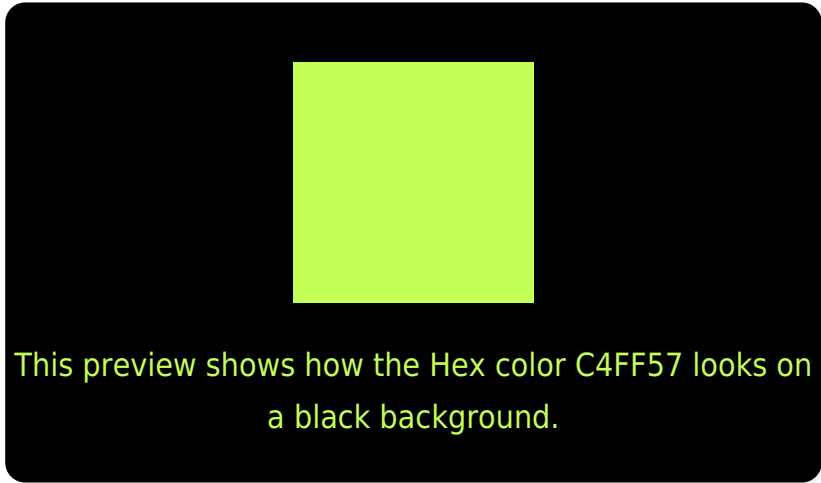
Large Text (above 18pt) WCAG AA × Fail

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 C4FF57 Background



This preview shows how black text looks on a background with the Hex color C4FF57.

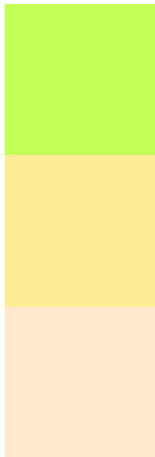


This preview shows how white text looks on a background with the Hex color C4FF57.

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

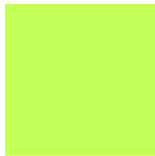


Original Color
C4FF57

Protanopia
FFEC96

Deuteranopia
FFE8CC

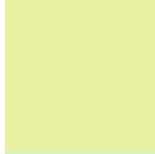
Trichromacy



Original Color
C4FF57



Protanomaly
EAF37F

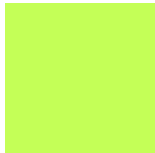


Deuteranomaly
EAF0A1

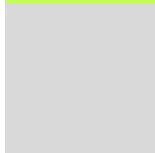


Tritanomaly
D3F4C2

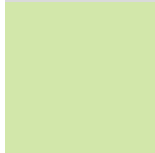
Monochromacy



Original Color
C4FF57



Achromatopsia
DADADA



Achromatomaly
D2E7AA

CSS Examples

Text

The CSS property to change the color of the text to Hex C4FF57 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 #C4FF57 looks like.

```
.text, #text, p{  
    color:#C4FF57  
}
```

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 #C4FF57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4FF57
}
```

Border

The CSS property to change the border of an element to Hex C4FF57 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
#C4FF57 }
```

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

```
.border{ border-color:#C4FF57 }
```

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

Here you see how a box with a 4 pixel #C4FF57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4FF57; -webkit-box-shadow:4px 4px  
4px 4px #C4FF57; box-shadow:4px 4px 4px  
4px #C4FF57 }
```

Background

The CSS property to change the background color of an element to Hex C4FF57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4FF57 }
```

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

```
.background{ background-color:#C4FF57 }
```

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