

Converting Colors

Hex(C5FF57)

Have a look what the booklet for
Hex(C5FF57) contains.

Hex(C5FF57)	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(C5FF57)

Conversions

Conversions Part 1

Format	Color
Hex	C5FF57
RGB	197, 255, 87
RGB Percent	77%, 100%, 34%
CMY	0.2275, 0.0000, 0.6588
CMYK	0.23, 0.00, 0.66, 0.00
HSL	81°, 100%, 67%
HSV	81°, 66%, 100%
XYZ	60.5063, 84.0784, 22.0566
YIQ	218.5060, 19.3600, -64.5440

Conversions

Conversions Part 2

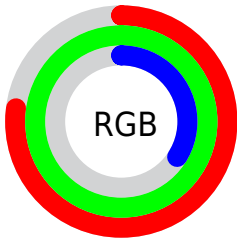
Format	Color
R _Y B	87, 255, 145
Decimal	12975959
CIE Lab	93.48, -41.80, 71.31
CIE LCh	93, 82.653, 120.376
Yxy	84.0784, 0.3631, 0.5045
Android (android.graphics.Color)	4291166039 (0xFFC5FF57)
YUV	218.5060, -64.8325, -18.8608
Hunter-Lab	91.6943, -42.6783, 49.9241

Details

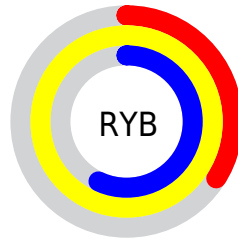
The Hex color **C5FF57** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted yellow. A complement of this color would be **9157FF**, and the grayscale version is **DBDBDB**.

A 20% lighter version of the original color is **FFFF90**, and **8BC611** is the 20% darker color. If you saturate the color by 10%, you get **BCFF3E**, and if you desaturate by 10%, it is **CEFF71**.

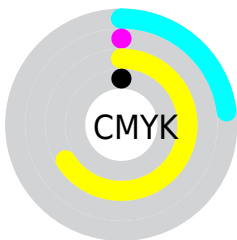
Distribution



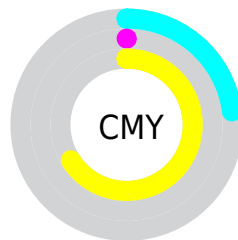
- Red (77%)
- Green (100%)
- Blue (34%)



- 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 C5FF57 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 C5FF57 by changing the saturation by 10% instead.

 C5FF57

 C5FF57

FFFFFF

 A8E239

 FFFF90

 8BC611

 FFFFAD

 6EAA00

 FFFFC A

 529000

 FFFF E7

 357600

 0F5D00

 004400

 002E00

 001400

 C5FF57

 C5FF57

 BCFF3E

 CEFF71

 B3FF24

 D7FF8A

 ABFF0B

 DFFFA4

 A7FF00

 E8FFBD

 F1FFD7

 FAFFF0

FFFFFF

Harmonies

Analogous

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



FFE93C



C5FF57



49FF9A

Triad

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



C5FF57



00FFFF



FFA1EF

Complementary

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



C5FF57



9157FF

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



C5FF57



00F5FF

Square

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



C5FF57



00FFFF



EED7FF



FFACA0

Rectangle

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



C5FF57



00FFCF



EED7FF



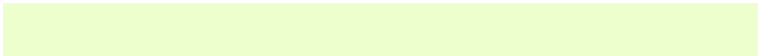
FFA5FF

Sweetspot

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



C5FF57



EDFFCC



FF8F57



758061



000000



808080

Same Dimension

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



C5FF57



B9FF36



73FF57



7B8073



7DBF00



2A4000

Inverse Universe

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



9157FF



7B36FF



E357FF



777380



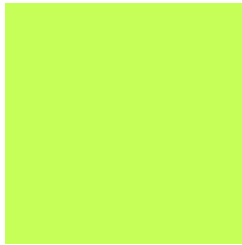
4200BF



160040

Previews

White Background



This preview shows how the Hex color C5FF57 looks on a white background.

Color Contrast Check

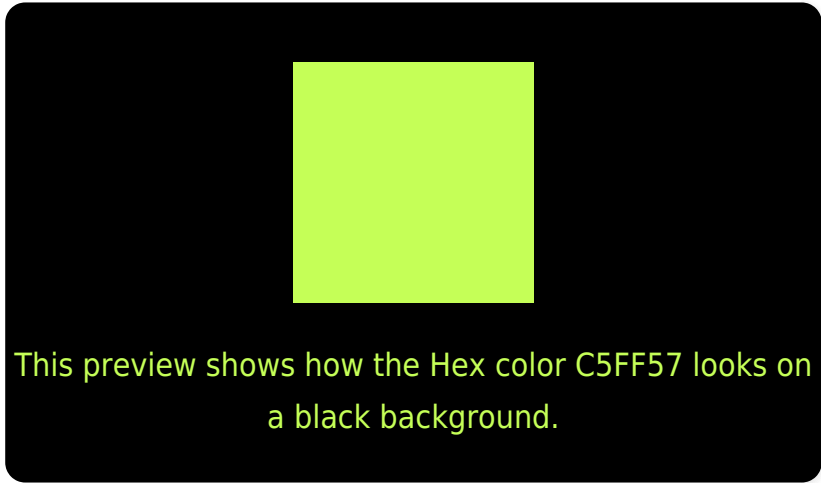
Large Text (above 18pt) WCAG AA × Fail

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 C5FF57 Background



This preview shows how black text looks on a background with the Hex color C5FF57.

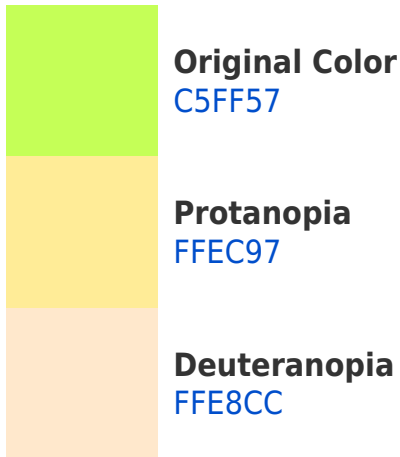


This preview shows how white text looks on a background with the Hex color C5FF57.

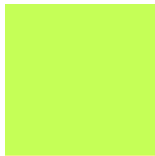
Color Blindness Simulation

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](#).

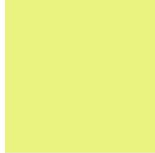
Dichromacy



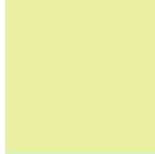
Trichromacy



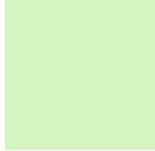
Original Color
C5FF57



Protanomaly
EAF380

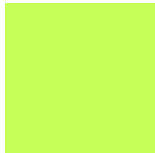


Deuteranomaly
EAF0A1

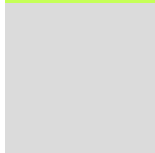


Tritanomaly
D4F4C2

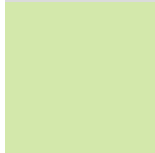
Monochromacy



Original Color
C5FF57



Achromatopsia
DBDBDB



Achromatomaly
D3E8AB

CSS Examples

Text

The CSS property to change the color of the text to Hex C5FF57 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 #C5FF57 looks like.

```
.text, #text, p{  
    color:#C5FF57  
}
```

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 #C5FF57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5FF57
}
```

Border

The CSS property to change the border of an element to Hex C5FF57 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
#C5FF57 }
```

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

```
.border{ border-color:#C5FF57 }
```

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

Here you see how a box with a 4 pixel #C5FF57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5FF57; -webkit-box-shadow:4px 4px  
4px 4px #C5FF57; box-shadow:4px 4px 4px  
4px #C5FF57 }
```

Background

The CSS property to change the background color of an element to Hex C5FF57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5FF57 }
```

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

```
.background{ background-color:#C5FF57 }
```

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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