

Converting Colors

Hex(B5FF5D)

Have a look what the booklet for
Hex(B5FF5D) contains.

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Color

Hex(B5FF5D)

Conversions

Conversions Part 1

Format	Color
Hex	B5FF5D
RGB	181, 255, 93
RGB Percent	71%, 100%, 36%
CMY	0.2902, 0.0000, 0.6353
CMYK	0.29, 0.00, 0.64, 0.00
HSL	87°, 100%, 68%
HSV	87°, 64%, 100%
XYZ	56.7918, 82.1341, 23.2161
YIQ	214.4060, 7.8980, -66.0700

Conversions

Conversions Part 2

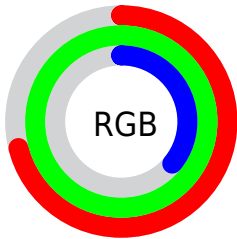
Format	Color
RYB	93, 255, 167
Decimal	11927389
CIELab	92.63, -47.12, 67.82
CIELCh	93, 82.578, 124.790
Yxy	82.1341, 0.3503, 0.5066
Android (android.graphics.Color)	4290117469 (0xFFB5FF5D)
YUV	214.4060, -59.8532, -29.2971
Hunter-Lab	90.6278, -46.7419, 48.2512

Details

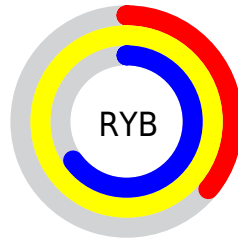
The Hex color **B5FF5D** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted chartreuse. A complement of this color would be **A75DFF**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **F0FF95**, and **7BC61E** is the 20% darker color. If you saturate the color by 10%, you get **A9FF43**, and if you desaturate by 10%, it is **C1FF77**.

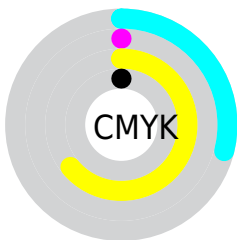
Distribution



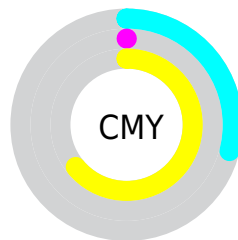
- Red (71%)
- Green (100%)
- Blue (36%)



- Red (36%)
- Yellow (100%)
- Blue (65%)



- Cyan (29%)
- Magenta (0%)
- Yellow (64%)
- Black (0%)



- Cyan (29%)
- Magenta (0%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color B5FF5D 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 B5FF5D by changing the saturation by 10% instead.

 B5FF5D

 B5FF5D

FFFFFF

 98E240

 F0FF95

 7BC61E

 FFFFB2

 5EAA00

 FFFFCF

 408F00

 FFFFEC

 1F7500

 005C00

 004300

 002D00

 001100

 B5FF5D

 B5FF5D

 A9FF43

 C1FF77

 9EFF2A

 CCFF90

 92FF10

 D8FFAA

 8BFF00

 E4FFC3

 EFFFDD

 FBFFF6

FFFFFF

Harmonies

Analogous

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



FFEA39



B5FF5D



01FFA3

Triad

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



B5FF5D



00FFFF



FF9FE0

Complementary

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



B5FF5D



A75DFE

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.



FFAEFF



B5FF5D



40EFFF

Square

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



B5FF5D



00FFFF



FDCFFF



FFAE94

Rectangle

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



B5FF5D



00FFD9



FDCFFF



FFA0FB

Sweetspot

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



B5FF5D



E9FFCF



FFA65D



728062



000000



808080

Same Dimension

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



B5FF5D



A6FF3D



65FF5D



7A8073



68BF00



234000

Inverse Universe

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



A75DFF



963DFF



F75DFF



797380



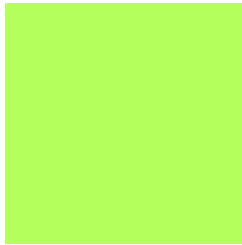
5700BF



1D0040

Previews

White Background



This preview shows how the Hex color B5FF5D looks on a white background.

Color Contrast Check

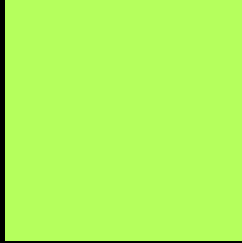
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color B5FF5D looks on a 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 B5FF5D Background



This preview shows how black text looks on a background with the Hex color B5FF5D.

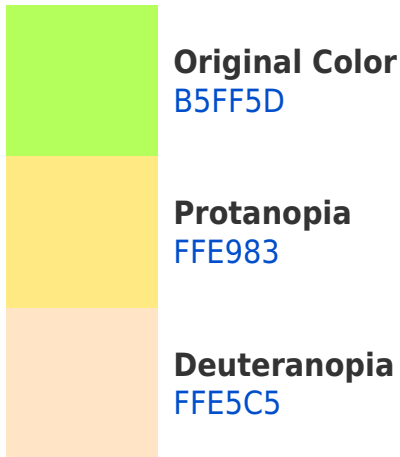


This preview shows how white text looks on a background with the Hex color B5FF5D.

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



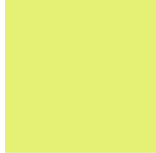


Tritanopia
CFEEFF

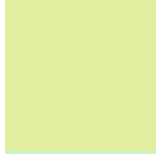
Trichromacy



Original Color
B5FF5D



Protanomaly
E4F175

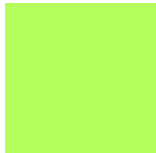


Deuteranomaly
E4EE9F

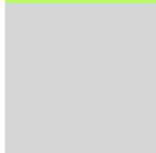


Tritanomaly
C6F4C4

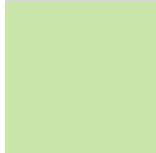
Monochromacy



Original Color
B5FF5D



Achromatopsia
D6D6D6



Achromatomaly
CAE5AA

CSS Examples

Text

The CSS property to change the color of the text to Hex B5FF5D 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 #B5FF5D looks like.

```
.text, #text, p{  
    color:#B5FF5D  
}
```

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 #B5FF5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5FF5D
}
```

Border

The CSS property to change the border of an element to Hex B5FF5D 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
#B5FF5D }
```

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

```
.border{ border-color:#B5FF5D }
```

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

Here you see how a box with a 4 pixel #B5FF5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5FF5D; -webkit-box-shadow:4px 4px  
4px 4px #B5FF5D; box-shadow:4px 4px 4px  
4px #B5FF5D }
```

Background

The CSS property to change the background color of an element to Hex B5FF5D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5FF5D }
```

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

```
.background{ background-color:#B5FF5D }
```

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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