

Converting Colors

Hex(8FFB55)

Have a look what the booklet for
Hex(8FFB55) contains.

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Color

Hex(8FFB55)

Conversions

Conversions Part 1

Format	Color
Hex	8FFB55
RGB	143, 251, 85
RGB Percent	56%, 98%, 33%
CMY	0.4392, 0.0157, 0.6667
CMYK	0.43, 0.00, 0.66, 0.02
HSL	99°, 95%, 66%
HSV	99°, 66%, 98%
XYZ	47.4646, 75.4899, 20.6637
YIQ	199.7840, -11.0820, -74.5220

Conversions

Conversions Part 2

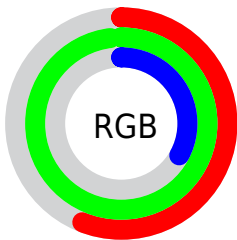
Format	Color
RYB	85, 251, 193
Decimal	9435989
CIELab	89.62, -58.58, 67.17
CIElCh	90, 89.129, 131.091
Yxy	75.4899, 0.3305, 0.5256
Android (android.graphics.Color)	4287626069 (0xFF8FFB55)
YUV	199.7840, -56.5885, -49.7996
Hunter-Lab	86.8849, -54.5354, 46.7186

Details

The Hex color **8FFB55** is a light color, and the websafe version is hex **99FF66**. The color can be described as light muted chartreuse. A complement of this color would be **C155FB**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **CBFF8E**, and **52C211** is the 20% darker color. If you saturate the color by 10%, you get **7FFB3C**, and if you desaturate by 10%, it is **9FFB6E**.

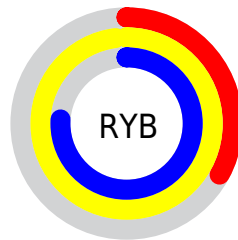
Distribution



Red (56%)

Green (98%)

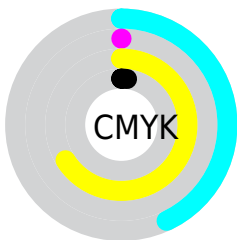
Blue (33%)



Red (33%)

Yellow (98%)

Blue (76%)

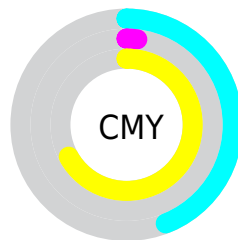


Cyan (43%)

Magenta (0%)

Yellow (66%)

Black (2%)



Cyan (44%)

Magenta (2%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8FFB55 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 8FFB55 by changing the saturation by 10% instead.

 8FFB55

 8FFB55

FFFFFF

 71DE37

 CBFF8E

 52C211

 E9FFAA

 2FA600

 FFFFC7

 008B00

 FFFFE4

 007000

 005700

 003E00

 002700

 000000

 8FFB55

 8FFB55

 7FFB3C

 9FFB6E

 6EFB23

 B0FB87

 5EFB0A

 C0FBA0

 58FB00

 D0FBB9

 E1FBD3

 F1FBEC

 FFFBFF

Harmonies

Analogous

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



EEE70C



8FFB55



00FFA7

Triad

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



8FFB55



00FAFF



FF8CC5

Complementary

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



8FFB55



C155FB

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.



FF97FF



8FFB55



5CE1FF

Square

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



8FFB55



00FFFF



FFBCFF



FFA575

Rectangle

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



8FFB55



00FFE2



FFBCFF



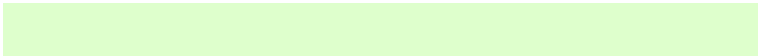
FF8CE2

Sweetspot

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



8FFB55



DEFFCC



FBC155



6C8061



000000



808080

Same Dimension

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



8FFB55



7CFF36



55FB6E



757D70



42BD00



153D00

Inverse Universe

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



C155FB



B936FF



FB55E2



79707D



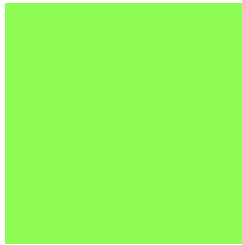
7B00BD



28003D

Previews

White Background



This preview shows how the Hex color 8FFB55 looks on a white background.

Color Contrast Check

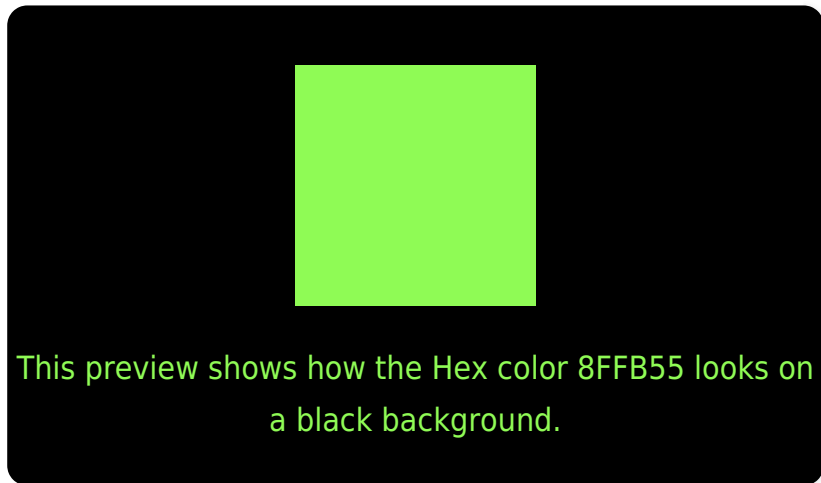
Large Text (above 18pt) WCAG AA × Fail

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

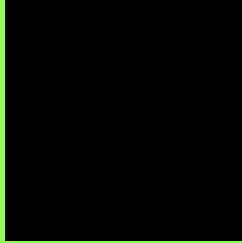
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

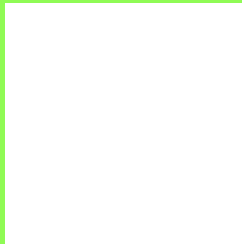
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 8FFB55 Background



This preview shows how black text looks on a background with the Hex color 8FFB55.

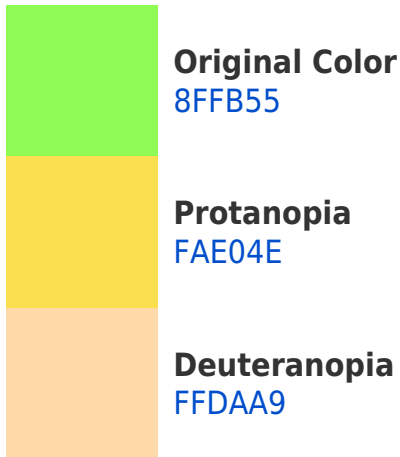


This preview shows how white text looks on a background with the Hex color 8FFB55.

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](#).

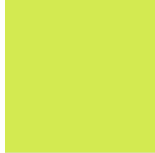
Dichromacy



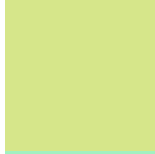
Trichromacy



Original Color
8FFB55



Protanomaly
D3EA51

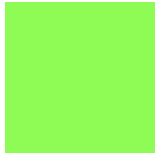


Deuteranomaly
D6E68A

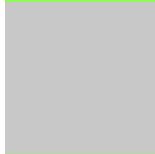


Tritanomaly
A1F1C1

Monochromacy



Original Color
8FFB55



Achromatopsia
C8C8C8



Achromatomaly
B3DB9E

CSS Examples

Text

The CSS property to change the color of the text to Hex 8FFB55 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 #8FFB55 looks like.

```
.text, #text, p{  
    color:#8FFB55  
}
```

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 #8FFB55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8FFB55
}
```

Border

The CSS property to change the border of an element to Hex 8FFB55 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
#8FFB55 }
```

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

```
.border{ border-color:#8FFB55 }
```

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

Here you see how a box with a 4 pixel #8FFB55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8FFB55; -webkit-box-shadow:4px 4px  
4px 4px #8FFB55; box-shadow:4px 4px 4px  
4px #8FFB55 }
```

Background

The CSS property to change the background color of an element to Hex 8FFB55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8FFB55 }
```

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

```
.background{ background-color:#8FFB55 }
```

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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