

Converting Colors

Hex(8BFE49)

Have a look what the booklet for
Hex(8BFE49) contains.

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Color

Hex(8BFE49)

Conversions

Conversions Part 1

Format	Color
Hex	8BFE49
RGB	139, 254, 73
RGB Percent	55%, 100%, 29%
CMY	0.4549, 0.0039, 0.7137
CMYK	0.45, 0.00, 0.71, 0.00
HSL	98°, 99%, 64%
HSV	98°, 71%, 100%
XYZ	47.2919, 76.8536, 18.6450
YIQ	198.9810, -10.4390, -80.6710

Conversions

Conversions Part 2

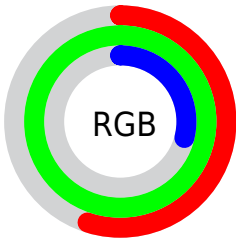
Format	Color
RYB	73, 254, 188
Decimal	9174601
CIELab	90.25, -61.79, 72.14
CIElCh	90, 94.980, 130.582
Yxy	76.8536, 0.3312, 0.5382
Android (android.graphics.Color)	4287364681 (0xFF8BFE49)
YUV	198.9810, -62.1086, -52.6033
Hunter-Lab	87.6662, -57.1233, 48.7564

Details

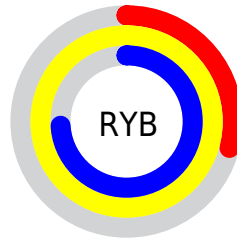
The Hex color **8BFE49** is a light color, and the websafe version is hex **99FF33**. The color can be described as light washed chartreuse. A complement of this color would be **BC49FE**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **C8FF83**, and **4CC400** is the 20% darker color. If you saturate the color by 10%, you get **7BFE30**, and if you desaturate by 10%, it is **9BFE62**.

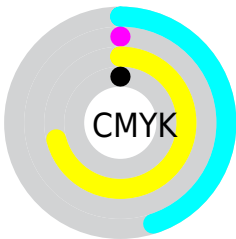
Distribution



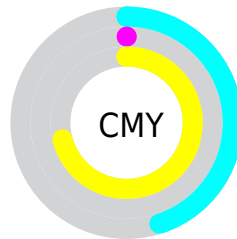
- Red (55%)
- Green (100%)
- Blue (29%)



- Red (29%)
- Yellow (100%)
- Blue (74%)



- Cyan (45%)
- Magenta (0%)
- Yellow (71%)
- Black (0%)



- Cyan (45%)
- Magenta (0%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8BFE49 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 8BFE49 by changing the saturation by 10% instead.

 8BFE49

 8BFE49

FFFFFF

 6CE128

 C8FF83

 4CC400

 E6FFA0

 24A800

 FFFFBD

 008D00

 FFFFDA

 007300

 FFFFF8

 005900

 004000

 002900

 000200

 8BFE49

 8BFE49

 7BFE30

 9BFE62

 6BFE16

 ABFE7C

 5DFE00

 BBFE95

 CCFEAF

 DCFEC8

 ECFEE1

 FCFEFB

FFFEFF

Harmonies

Analogous

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



F1E900



8BFE49



00FFA3

Triad

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



8BFE49



00DFF



FF84C7

Complementary

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



8BFE49



BC49FE

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.



FF92FF



8BFE49



31E3FF

Square

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



8BFE49



00FFFF



FFBCFF



FFA171

Rectangle

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



8BFE49



00FE2



FFBCFF



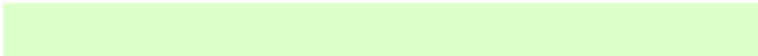
FF84E5

Sweetspot

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



8BFE49



DDFC9



FEBC49



6B8060



000000



808080

Same Dimension

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



8BFE49



74FF24



49FE61



778073



46BF00



174000

Inverse Universe

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



BC49FE



AF24FF



FE49E6



7B7380



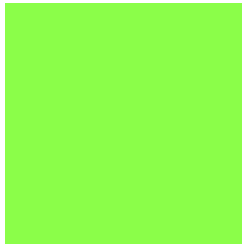
7A00BF



290040

Previews

White Background



This preview shows how the Hex color 8BFE49 looks on a white background.

Color Contrast Check

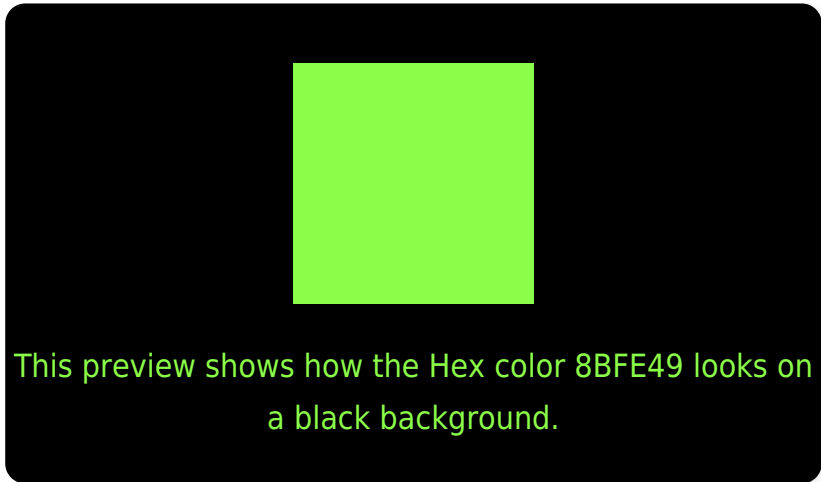
Large Text (above 18pt) WCAG AA × Fail

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

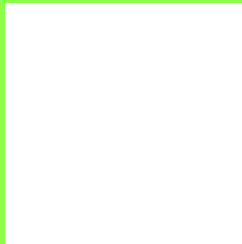
Any Text WCAG AAA ✓ Pass

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

Hex 8BFE49 Background



This preview shows how black text looks on a background with the Hex color 8BFE49.

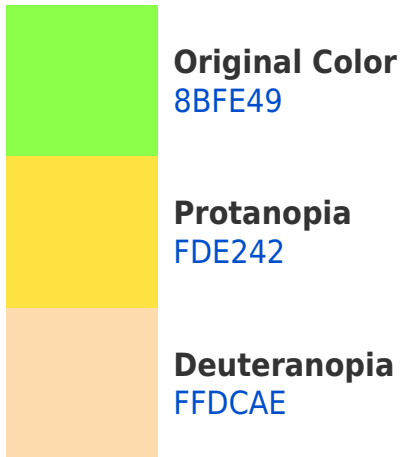


This preview shows how white text looks on a background with the Hex color 8BFE49.

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
8BFE49



Protanomaly
D4EC45



Deuteranomaly
D5E889

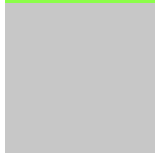


Tritanomaly
9FF3BD

Monochromacy



Original Color
8BFE49



Achromatopsia
C7C7C7



Achromatomaly
B1DB99

CSS Examples

Text

The CSS property to change the color of the text to Hex 8BFE49 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 #8BFE49 looks like.

```
.text, #text, p{  
    color:#8BFE49  
}
```

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 #8BFE49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8BFE49
}
```

Border

The CSS property to change the border of an element to Hex 8BFE49 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
#8BFE49 }
```

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

```
.border{ border-color:#8BFE49 }
```

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

Here you see how a box with a 4 pixel #8BFE49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8BFE49; -webkit-box-shadow:4px 4px  
4px 4px #8BFE49; box-shadow:4px 4px 4px  
4px #8BFE49 }
```

Background

The CSS property to change the background color of an element to Hex 8BFE49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8BFE49 }
```

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

```
.background{ background-color:#8BFE49 }
```

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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