

Converting Colors

Hex(8BFF6D)

Have a look what the booklet for
Hex(8BFF6D) contains.

Hex(8BFF6D)	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(8BFF6D)

Conversions

Conversions Part 1

Format	Color
Hex	8BFF6D
RGB	139, 255, 109
RGB Percent	55%, 100%, 43%
CMY	0.4549, 0.0000, 0.5725
CMYK	0.45, 0.00, 0.57, 0.00
HSL	108°, 100%, 71%
HSV	108°, 57%, 100%
XYZ	49.1678, 78.1131, 26.9539
YIQ	203.6720, -22.2700, -69.9980

Conversions

Conversions Part 2

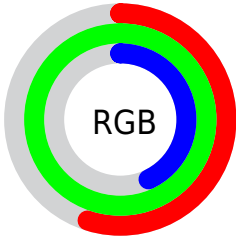
Format	Color
RYB	109, 255, 225
Decimal	9174893
CIELab	90.83, -59.11, 58.61
CIELCh	91, 83.240, 135.239
Yxy	78.1131, 0.3188, 0.5065
Android (android.graphics.Color)	4287364973 (0xFF8BFF6D)
YUV	203.6720, -46.6733, -56.7173
Hunter-Lab	88.3816, -55.3661, 43.7853

Details

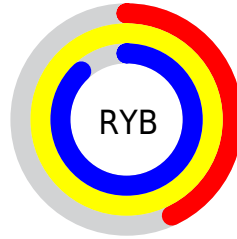
The Hex color **8BFF6D** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **E16DFF**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **C7FFA4**, and **4EC536** is the 20% darker color. If you saturate the color by 10%, you get **77FF54**, and if you desaturate by 10%, it is **9FFF87**.

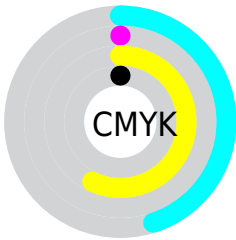
Distribution



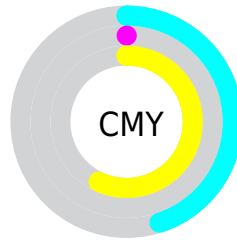
- Red (55%)
- Green (100%)
- Blue (43%)



- Red (43%)
- Yellow (100%)
- Blue (88%)



- Cyan (45%)
- Magenta (0%)
- Yellow (57%)
- Black (0%)



- Cyan (45%)
- Magenta (0%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8BFF6D 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 8BFF6D by changing the saturation by 10% instead.

 8BFF6D

 8BFF6D

FFFFFF

 6DE252

 C7FFA4

 4EC536

 E5FFC1

 29A914

 FFFFDD

 008E00

 FFFFFB

 007400

 005A00

 004100

 002A00

 000600

 8BFF6D

 8BFF6D

 77FF54

 9FFF87

 62FF3A

 B4FFA0

 4EFF21

 C8FFBA

 3AFF07

 DCFFD3

 34FF00

 F0FFED

FFFFFF

Harmonies

Analogous

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



E7ED37



8BFF6D



00FFB9

Triad

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



8BFF6D



00F9FF



FF9ABF

Complementary

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



8BFF6D



E16DFF

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.



FF9FFF



8BFF6D



97E0FF

Square

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



8BFF6D



00FFFF



FFBEFF



FFB276

Rectangle

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



8BFF6D



00FFF1



FFBEFF



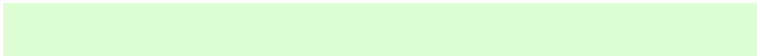
FF98DA

Sweetspot

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



8BFF6D



DDFFD4



FFDF6D



6B8066



000000



808080

Same Dimension

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



8BFF6D



73FF4F



6DFF96



758073



27BF00



0D4000

Inverse Universe

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



E16DFF



DB4FFF



FF6DD6



7D7380



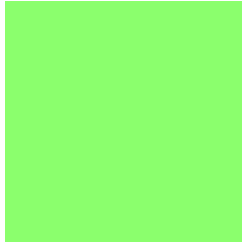
9800BF



330040

Previews

White Background



This preview shows how the Hex color 8BFF6D looks on a white background.

Color Contrast Check

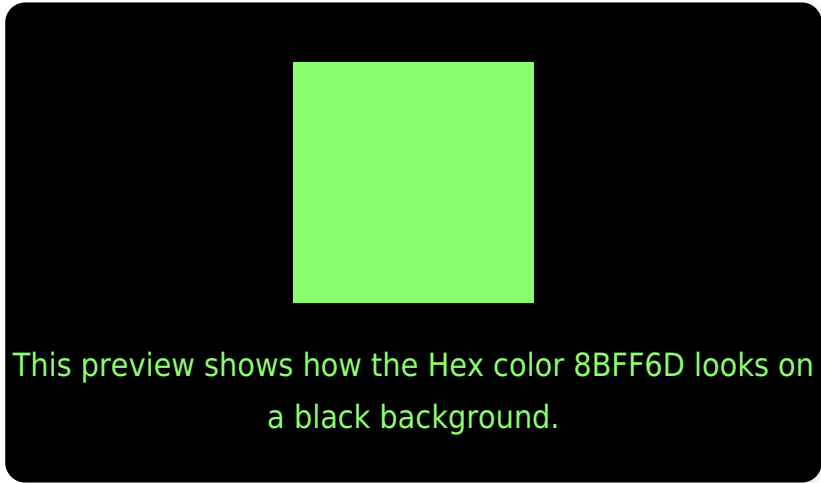
Large Text (above 18pt) WCAG AA × Fail

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

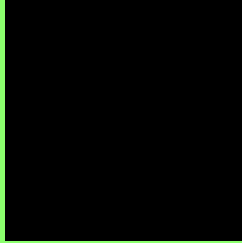
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

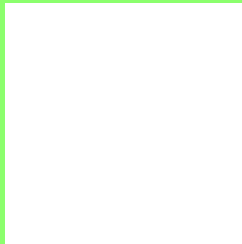
Any Text WCAG AAA ✓ Pass

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

Hex 8BFF6D Background



This preview shows how black text looks on a background with the Hex color 8BFF6D.

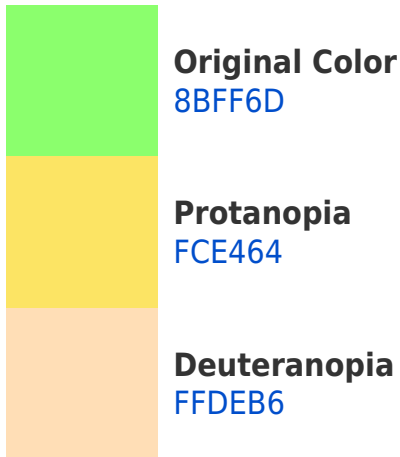


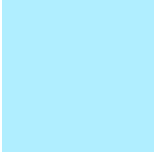
This preview shows how white text looks on a background with the Hex color 8BFF6D.

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



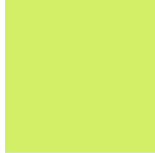


Tritanopia
B0EEFF

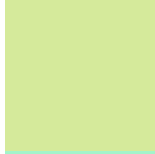
Trichromacy



Original Color
8BFF6D



Protanomaly
D3EE67



Deuteranomaly
D5EA9B

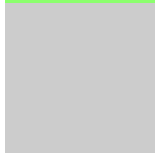


Tritanomaly
A3F4CA

Monochromacy



Original Color
8BFF6D



Achromatopsia
CCCCCC



Achromatomaly
B4DFA9

CSS Examples

Text

The CSS property to change the color of the text to Hex 8BFF6D 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 #8BFF6D looks like.

```
.text, #text, p{  
    color:#8BFF6D  
}
```

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 #8BFF6D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8BFF6D
}
```

Border

The CSS property to change the border of an element to Hex 8BFF6D 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
#8BFF6D }
```

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

```
.border{ border-color:#8BFF6D }
```

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

Here you see how a box with a 4 pixel #8BFF6D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8BFF6D; -webkit-box-shadow:4px 4px  
4px 4px #8BFF6D; box-shadow:4px 4px 4px  
4px #8BFF6D }
```

Background

The CSS property to change the background color of an element to Hex 8BFF6D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8BFF6D }
```

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

```
.background{ background-color:#8BFF6D }
```

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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