

Converting Colors

Hex(8CFB71)

Have a look what the booklet for
Hex(8CFB71) contains.

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Color

Hex(8CFB71)

Conversions

Conversions Part 1

Format	Color
Hex	8CFB71
RGB	140, 251, 113
RGB Percent	55%, 98%, 44%
CMY	0.4510, 0.0157, 0.5569
CMYK	0.44, 0.00, 0.55, 0.02
HSL	108°, 95%, 71%
HSV	108°, 55%, 98%
XYZ	48.2930, 75.7621, 27.7010
YIQ	202.0790, -21.8580, -66.4500

Conversions

Conversions Part 2

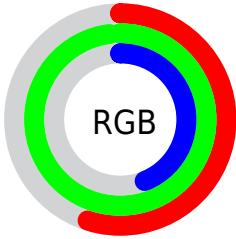
Format	Color
RYB	113, 251, 224
Decimal	9239409
CIELab	89.75, -56.83, 55.60
CIELCh	90, 79.504, 135.630
Yxy	75.7621, 0.3182, 0.4992
Android (android.graphics.Color)	4287429489 (0xFF8CFB71)
YUV	202.0790, -43.9159, -54.4433
Hunter-Lab	87.0414, -53.2856, 42.0599

Details

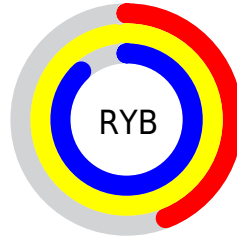
The Hex color **8CFB71** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **E071FB**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **C7FFA8**, and **50C23B** is the 20% darker color. If you saturate the color by 10%, you get **78FB58**, and if you desaturate by 10%, it is **A0FB8A**.

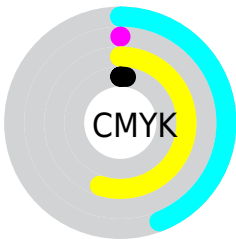
Distribution



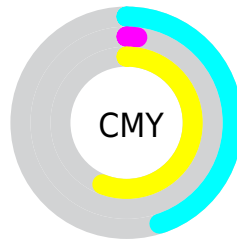
- Red (55%)
- Green (98%)
- Blue (44%)



- Red (44%)
- Yellow (98%)
- Blue (88%)



- Cyan (44%)
- Magenta (0%)
- Yellow (55%)
- Black (2%)



- Cyan (45%)
- Magenta (2%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8CFB71 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 8CFB71 by changing the saturation by 10% instead.

 8CFB71

 8CFB71

FFFFFF

 6EDE56

 C7FFA8

 50C23B

 E5FFC4

 2DA61D

 FFFFE1

 008B00

FFFFFFE

 007000

 005700

 003E00

 002700

 000000

 8CFB71

 8CFB71

 78FB58

 A0FB8A

 64FB3F

 B4FBA3

 4FFB26

 C9FBBC

 3BFB0D

 DDFBD5

 31FB00

 F1FBEF

 FFFBFF

Harmonies

Analogous

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



E4EA3F



8CFB71



00FFB9

Triad

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



8CFB71



00F4FF



FF9CBD

Complementary

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



8CFB71



E071FB

Split Complementary

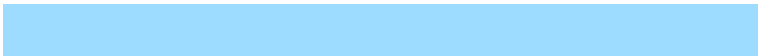
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFA0FF



8CFB71



9DDCFF

Square

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



8CFB71



00FFFF



FFBCFF



FFB278

Rectangle

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



8CFB71



00FFEE



FFBCFF



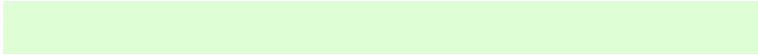
FF9AD6

Sweetspot

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



8CFB71



DEFFD6



FBDF71



6C8067



000000



808080

Same Dimension

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



8CFB71



78FF57



71FB9A



737D70



25BD00



0C3D00

Inverse Universe

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



E071FB



DE57FF



FB71D2



7B707D



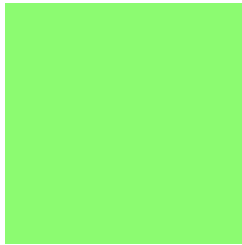
9800BD



31003D

Previews

White Background



This preview shows how the Hex color 8CFB71 looks on a white background.

Color Contrast Check

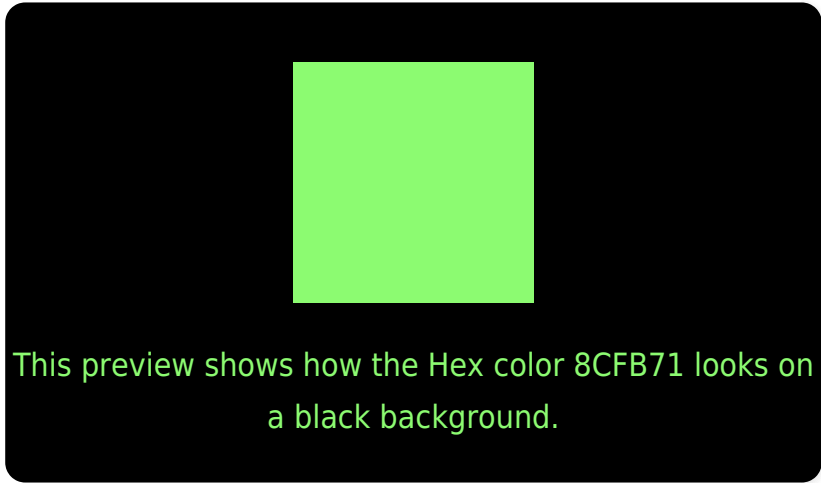
Large Text (above 18pt) WCAG AA × Fail

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

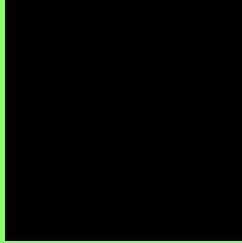
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

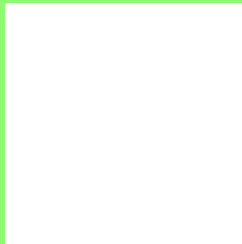
Any Text WCAG AAA ✓ Pass

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

Hex 8CFB71 Background



This preview shows how black text looks on a background with the Hex color 8CFB71.

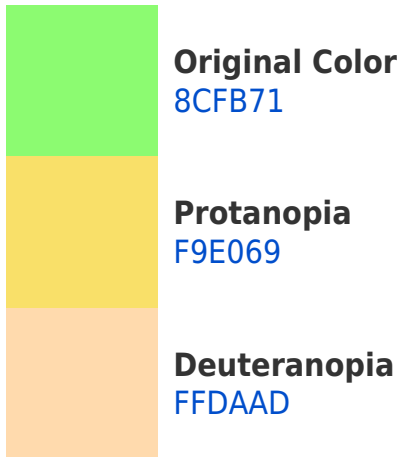


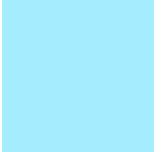
This preview shows how white text looks on a background with the Hex color 8CFB71.

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](#).

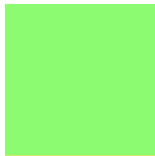
Dichromacy



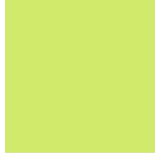


Tritanopia
A6ECFF

Trichromacy



Original Color
8CFB71



Protanomaly
D1EA6C



Deuteranomaly
D5E697

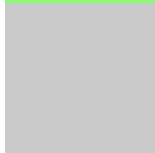


Tritanomaly
9DF1CB

Monochromacy



Original Color
8CFB71



Achromatopsia
CACACA



Achromatomaly
B3DCAA

CSS Examples

Text

The CSS property to change the color of the text to Hex 8CFB71 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 #8CFB71 looks like.

```
.text, #text, p{  
    color:#8CFB71  
}
```

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 #8CFB71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8CFB71  
}
```

Border

The CSS property to change the border of an element to Hex 8CFB71 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  
#8CFB71 }
```

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

```
.border{ border-color:#8CFB71 }
```

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

Here you see how a box with a 4 pixel #8CFB71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8CFB71; -webkit-box-shadow:4px 4px  
4px 4px #8CFB71; box-shadow:4px 4px 4px  
4px #8CFB71 }
```

Background

The CSS property to change the background color of an element to Hex 8CFB71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8CFB71 }
```

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

```
.background{ background-color:#8CFB71 }
```

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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