

Converting Colors

Hex(8DFF84)

Have a look what the booklet for
Hex(8DFF84) contains.

Hex(8DFF84)	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(8DFF84)

Conversions

Conversions Part 1

Format	Color
Hex	8DFF84
RGB	141, 255, 132
RGB Percent	55%, 100%, 52%
CMY	0.4471, 0.0000, 0.4824
CMYK	0.45, 0.00, 0.48, 0.00
HSL	116°, 100%, 76%
HSV	116°, 48%, 100%
XYZ	50.9094, 78.8487, 34.3659
YIQ	206.8920, -28.4610, -62.4210

Conversions

Conversions Part 2

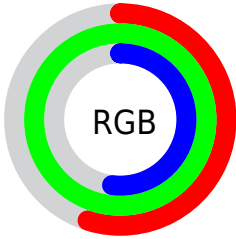
Format	Color
RYB	132, 255, 246
Decimal	9305988
CIELab	91.17, -55.86, 48.60
CIElCh	91, 74.042, 138.978
Yxy	78.8487, 0.3102, 0.4804
Android (android.graphics.Color)	4287496068 (0xFF8DFF84)
YUV	206.8920, -36.9218, -57.7873
Hunter-Lab	88.7968, -53.0559, 39.2115

Details

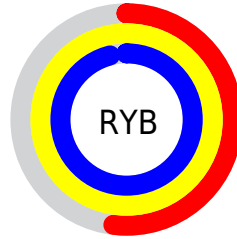
The Hex color **8DFF84** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **F684FF**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **C8FFBB**, and **51C54F** is the 20% darker color. If you saturate the color by 10%, you get **75FF6B**, and if you desaturate by 10%, it is **A5FF9E**.

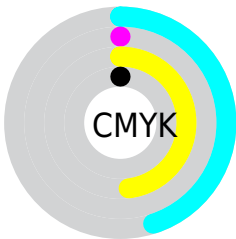
Distribution



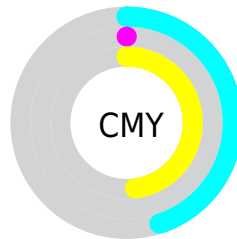
- Red (55%)
- Green (100%)
- Blue (52%)



- Red (52%)
- Yellow (100%)
- Blue (96%)



- Cyan (45%)
- Magenta (0%)
- Yellow (48%)
- Black (0%)



- Cyan (45%)
- Magenta (0%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8DFF84 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 8DFF84 by changing the saturation by 10% instead.

 8DFF84

 8DFF84

FFFFFF

 70E269

 C8FFBB

 51C54F

 E6FFD7

 2FAA35

 FFFFF4

 008E19

 007400

 005A00

 004100

 002B00

 000800

 8DFF84

 8DFF84

 75FF6B

 A5FF9E

 5EFF51

 BCFFB7

 46FF38

 D4FFD1

 2EFF1E

 ECFFEA

 17FF05

FFFFFF

 13FF00

Harmonies

Analogous

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



E1F056



8DFF84



00FFC8

Triad

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



8DFF84



00F5FF



FFA8BB

Complementary

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



8DFF84



F684FF

Split Complementary

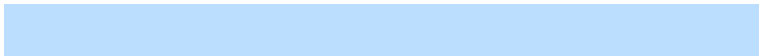
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFA9FF



8DFF84



BBDEFF

Square

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



8DFF84



00FFFF



FFC0FF



FFBD7D

Rectangle

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



8DFF84



00FFFA



FFC0FF



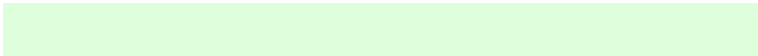
FFA6D3

Sweetspot

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



8DFF84



DEFFDB



FFF584



6B806A



000000



808080

Same Dimension

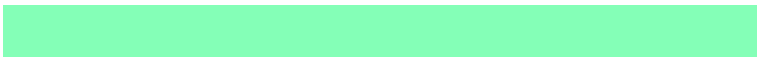
The Same Dimension uses a secret algorithm to generate beautiful new colors.



8DFF84



76FF6B



84FFB7



748073



0EBF00



054000

Inverse Universe

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



F684FF



F46BFF



FF84CC



7F7380



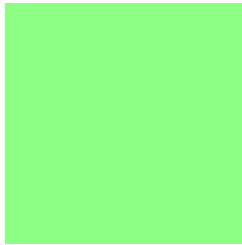
B100BF



3B0040

Previews

White Background



This preview shows how the Hex color 8DFF84 looks on a white background.

Color Contrast Check

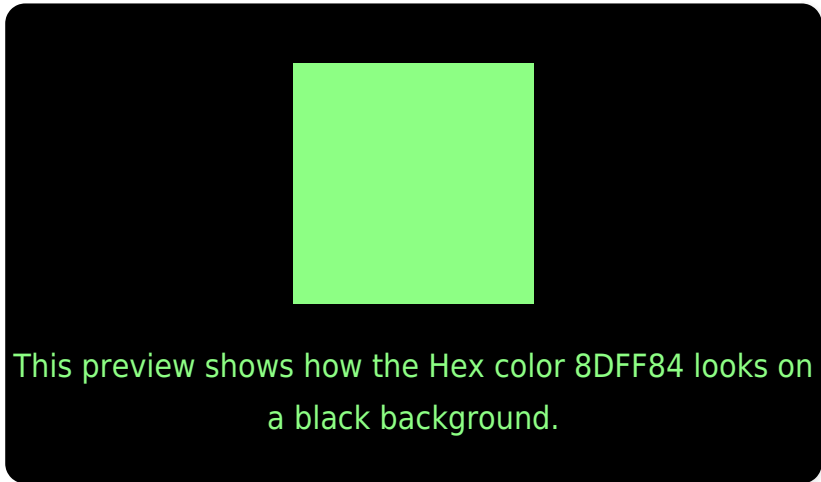
Large Text (above 18pt) WCAG AA × Fail

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

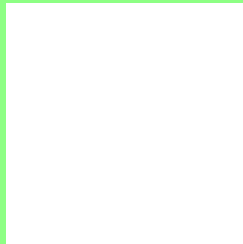
Any Text WCAG AAA ✓ Pass

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

Hex 8DFF84 Background



This preview shows how black text looks on a background with the Hex color 8DFF84.

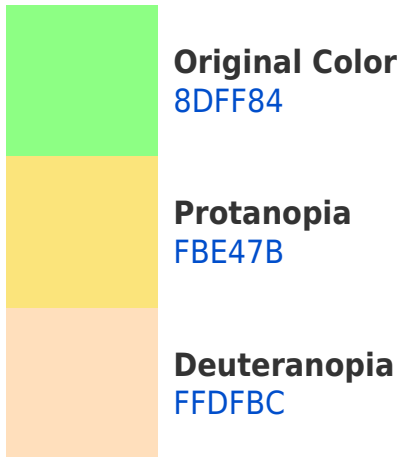


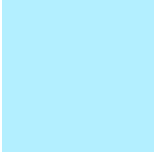
This preview shows how white text looks on a background with the Hex color 8DFF84.

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
B3EFFF

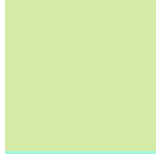
Trichromacy



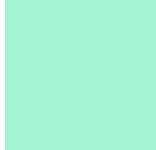
Original Color
8DFF84



Protanomaly
D3EE7E



Deuteranomaly
D6EBA8

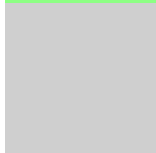


Tritanomaly
A5F5D2

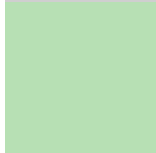
Monochromacy



Original Color
8DFF84



Achromatopsia
CFCFCF



Achromatomaly
B7E0B4

CSS Examples

Text

The CSS property to change the color of the text to Hex 8DFF84 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 #8DFF84 looks like.

```
.text, #text, p{  
    color:#8DFF84  
}
```

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 #8DFF84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8DFF84
}
```

Border

The CSS property to change the border of an element to Hex 8DFF84 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
#8DFF84 }
```

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

```
.border{ border-color:#8DFF84 }
```

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

Here you see how a box with a 4 pixel #8DFF84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8DFF84; -webkit-box-shadow:4px 4px  
4px 4px #8DFF84; box-shadow:4px 4px 4px  
4px #8DFF84 }
```

Background

The CSS property to change the background color of an element to Hex 8DFF84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8DFF84 }
```

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

```
.background{ background-color:#8DFF84 }
```

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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