

Converting Colors

Hex(DFFF8B)

Have a look what the booklet for
Hex(DFFF8B) contains.

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Color

Hex(DFFF8B)

Conversions

Conversions Part 1

Format	Color
Hex	DFFF8B
RGB	223, 255, 139
RGB Percent	87%, 100%, 55%
CMY	0.1255, 0.0000, 0.4549
CMYK	0.13, 0.00, 0.45, 0.00
HSL	77°, 100%, 77%
HSV	77°, 45%, 100%
XYZ	70.8516, 89.0721, 37.8844
YIQ	232.2080, 18.1640, -42.8600

Conversions

Conversions Part 2

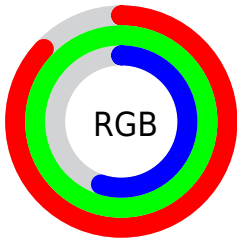
Format	Color
RYB	139, 255, 171
Decimal	14679947
CIELab	95.61, -27.72, 51.76
CIELCh	96, 58.720, 118.172
Yxy	89.0721, 0.3582, 0.4503
Android (android.graphics.Color)	4292870027 (0xFFDFFF8B)
YUV	232.2080, -45.9515, -8.0754
Hunter-Lab	94.3780, -31.1576, 42.2649

Details

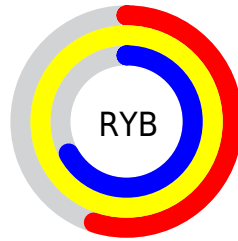
The Hex color **DFFF8B** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **AB8BFF**, and the grayscale version is **E9E9E9**.

A 20% lighter version of the original color is **FFFFC2**, and **A6C656** is the 20% darker color. If you saturate the color by 10%, you get **D8FF72**, and if you desaturate by 10%, it is **E6FFA4**.

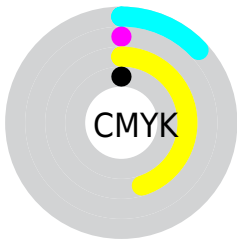
Distribution



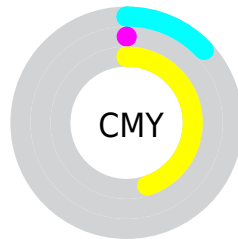
- Red (87%)
- Green (100%)
- Blue (55%)



- Red (55%)
- Yellow (100%)
- Blue (67%)



- Cyan (13%)
- Magenta (0%)
- Yellow (45%)
- Black (0%)



- Cyan (13%)
- Magenta (0%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color DFFF8B 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 DFFF8B by changing the saturation by 10% instead.

 DFFF8B

 DFFF8B

FFFFFF

 C2E270

 FFFFC2

 A6C656

 FFFFDF

 8AAB3C


 FFFFFC

 6F9020

 557700

 3B5E00

 214600

 012F00

 001C00

 DFFF8B

 DFFF8B

 D8FF72

 E6FFA4

 D1FF58

 EDFFBE

 CAFF3E

 F4FFD8

 C3FF25

 FBFFF1

 BCFF0B

FFFFFF

 B9FF00

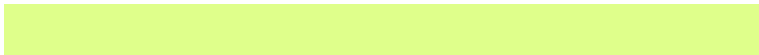
Harmonies

Analogous

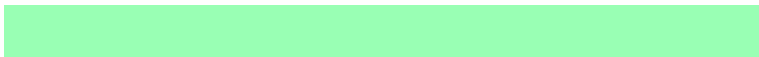
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFEE7E



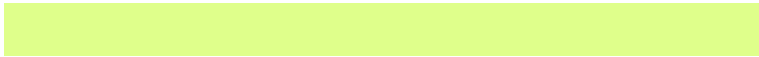
DFFF8B



99FFB4

Triad

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



DFFF8B



00FFFF



FFC4F8

Complementary

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



DFFF8B



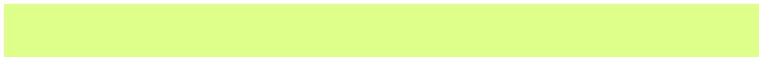
AB8BFF

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.



FFD0FF



DFFF8B



8DF9FF

Square

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



DFFF8B



00FFFF



F2E5FF



FFC9C0

Rectangle

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



DFFF8B



5BFFD9



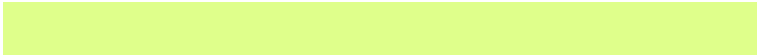
F2E5FF



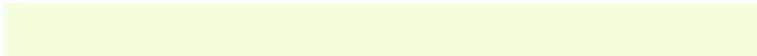
FFC7FF

Sweetspot

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



DFFF8B



F5FFDB



FFAA8B



7A806A



000000



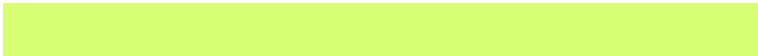
808080

Same Dimension

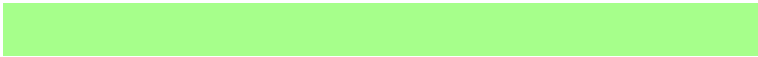
The Same Dimension uses a secret algorithm to generate beautiful new colors.



DFFF8B



D8FF73



A6FF8B



7C8073



8ABF00



2E4000

Inverse Universe

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



AB8BFF



9973FF



E48BFF



767380



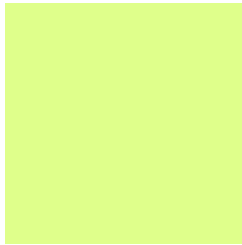
3500BF



120040

Previews

White Background



This preview shows how the Hex color DFFF8B looks on a white background.

Color Contrast Check

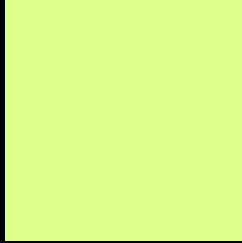
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color DFFF8B looks on a 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 DFFF8B Background



This preview shows how black text looks on a background with the Hex color DFFF8B.

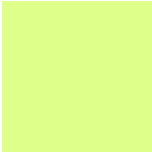
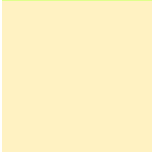
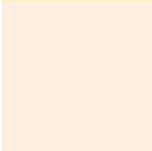


This preview shows how white text looks on a background with the Hex color DFFF8B.

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

	Original Color DFFF8B
	Protanopia FFF2C2
	Deuteranopia FFEFE0

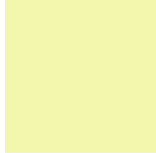


Tritanopia
EFF1FF

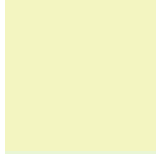
Trichromacy



Original Color
DFFF8B



Protanomaly
F3F7AE



Deuteranomaly
F3F5C1

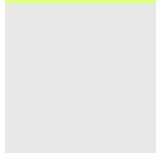


Tritanomaly
E9F6D5

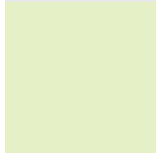
Monochromacy



Original Color
DFFF8B



Achromatopsia
E8E8E8



Achromatomaly
E5F0C6

CSS Examples

Text

The CSS property to change the color of the text to Hex DFFF8B 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 #DFFF8B looks like.

```
.text, #text, p{  
    color:#DFFF8B  
}
```

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 #DFFF8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DFFF8B
}
```

Border

The CSS property to change the border of an element to Hex DFFF8B 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
#DFFF8B }
```

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

```
.border{ border-color:#DFFF8B }
```

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

Here you see how a box with a 4 pixel #DFFF8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DFFF8B; -webkit-box-shadow:4px 4px  
4px 4px #DFFF8B; box-shadow:4px 4px 4px  
4px #DFFF8B }
```

Background

The CSS property to change the background color of an element to Hex DFFF8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DFFF8B }
```

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

```
.background{ background-color:#DFFF8B }
```

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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