

Converting Colors

Hex(89FFDC)

Have a look what the booklet for
Hex(89FFDC) contains.

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Color

Hex(89FFDC)

Conversions

Conversions Part 1

Format	Color
Hex	89FFDC
RGB	137, 255, 220
RGB Percent	54%, 100%, 86%
CMY	0.4627, 0.0000, 0.1373
CMYK	0.46, 0.00, 0.14, 0.00
HSL	162°, 100%, 77%
HSV	162°, 46%, 100%
XYZ	58.9948, 82.0057, 80.4295
YIQ	215.7280, -59.0930, -35.9010

Conversions

Conversions Part 2

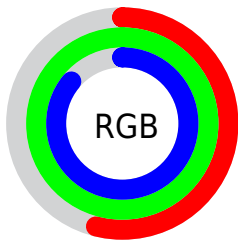
Format	Color
RYB	137, 206, 255
Decimal	9043932
CIELab	92.58, -41.50, 6.41
CIELCh	93, 41.989, 171.220
Yxy	82.0057, 0.2664, 0.3703
Android (android.graphics.Color)	4287234012 (0xFF89FFDC)
YUV	215.7280, 2.1061, -69.0445
Hunter-Lab	90.5570, -42.1880, 10.7306

Details

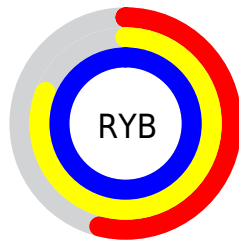
The Hex color **89FFDC** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **FF89AC**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **C4FFFF**, and **4DC6A5** is the 20% darker color. If you saturate the color by 10%, you get **70FFD4**, and if you desaturate by 10%, it is **A3FFE4**.

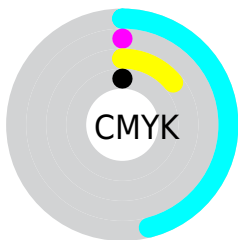
Distribution



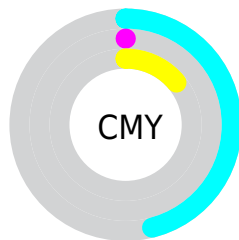
- Red (54%)
- Green (100%)
- Blue (86%)



- Red (54%)
- Yellow (81%)
- Blue (100%)



- Cyan (46%)
- Magenta (0%)
- Yellow (14%)
- Black (0%)



- Cyan (46%)
- Magenta (0%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89FFDC 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 89FFDC by changing the saturation by 10% instead.

 89FFDC

 89FFDC

FFFFFF

 6CE2C0

 C4FFFF

 4DC6A5

 E2FFFF

 2AAA8B

 008F71

 007559

 005B41

 00432B

 002C17

 001000

 89FFDC

 89FFDC

 70FFD4

 A3FFE4

 56FFCD


 BCFFEB

 3CFFC5

 D6FFF3

 23FFBE

 EFFFFA

 09FFB6

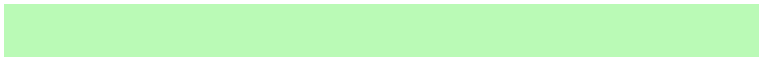
FFFFFF

 00FFB3

Harmonies

Analogous

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



BAFAB6



89FFDC



61FFFF

Triad

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



89FFDC



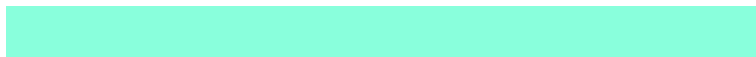
DEE4FF



FFD6AC

Complementary

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



89FFDC



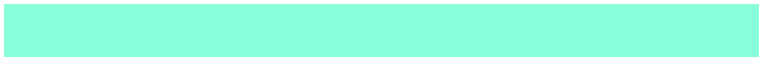
FF89AC

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.



FFCCCE



89FFDC



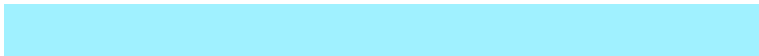
FFD5FF

Square

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



89FFDC



A0F1FF



FFCCF7



FFE39A

Rectangle

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



89FFDC



5FFDFD



FFCCF7



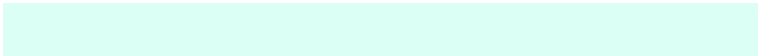
FFD2B6

Sweetspot

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



89FFDC



DBFFF4



ACFF89



6A8079



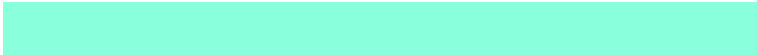
000000



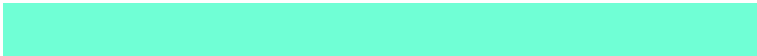
808080

Same Dimension

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



89FFDC



70FFD5



89E7FF



73807C



00BF87



00402D

Inverse Universe

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



FF89AC



FF709B



FFA189



807377



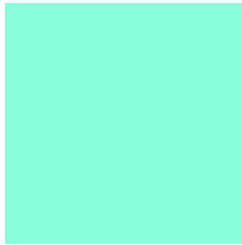
BF0039



400013

Previews

White Background



This preview shows how the Hex color 89FFDC looks on a white background.

Color Contrast Check

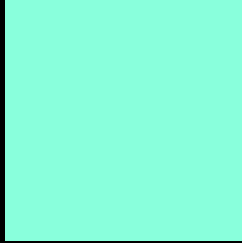
Large Text (above 18pt) WCAG AA × Fail

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 89FFDC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

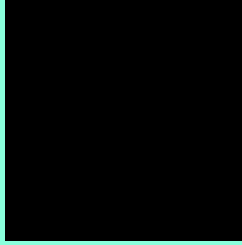
Any Text WCAG AA ✓ Pass

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 89FFDC Background



This preview shows how black text looks on a background with the Hex color 89FFDC.

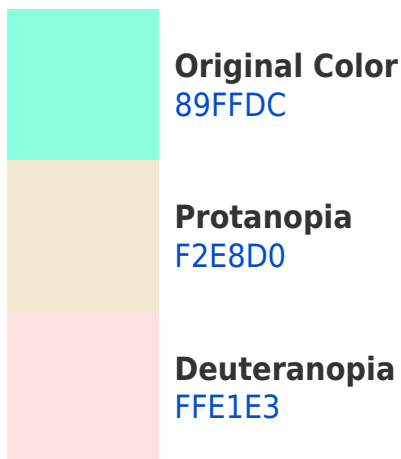


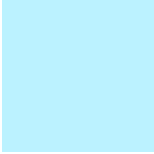
This preview shows how white text looks on a background with the Hex color 89FFDC.

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
BBF2FF

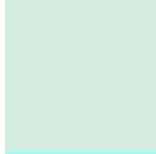
Trichromacy



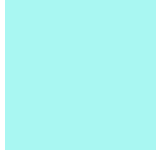
Original Color
89FFDC



Protanomaly
CCF0D4

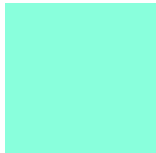


Deuteranomaly
D4ECE0

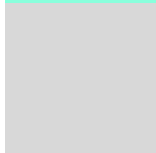


Tritanomaly
A9F7F2

Monochromacy



Original Color
89FFDC



Achromatopsia
D8D8D8



Achromatomaly
BBE6D9

CSS Examples

Text

The CSS property to change the color of the text to Hex 89FFDC 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 #89FFDC looks like.

```
.text, #text, p{  
    color:#89FFDC  
}
```

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 #89FFDC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89FFDC
}
```

Border

The CSS property to change the border of an element to Hex 89FFDC 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
#89FFDC }
```

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

```
.border{ border-color:#89FFDC }
```

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

Here you see how a box with a 4 pixel #89FFDC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89FFDC; -webkit-box-shadow:4px 4px  
4px 4px #89FFDC; box-shadow:4px 4px 4px  
4px #89FFDC }
```

Background

The CSS property to change the background color of an element to Hex 89FFDC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89FFDC }
```

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

```
.background{ background-color:#89FFDC }
```

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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