

Converting Colors

Hex(80FFDC)

Have a look what the booklet for
Hex(80FFDC) contains.

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Color

Hex(80FFDC)

Conversions

Conversions Part 1

Format	Color
Hex	80FFDC
RGB	128, 255, 220
RGB Percent	50%, 100%, 86%
CMY	0.4980, 0.0000, 0.1373
CMYK	0.50, 0.00, 0.14, 0.00
HSL	163°, 100%, 75%
HSV	163°, 50%, 100%
XYZ	57.5804, 81.2765, 80.3633
YIQ	213.0370, -64.4570, -37.8090

Conversions

Conversions Part 2

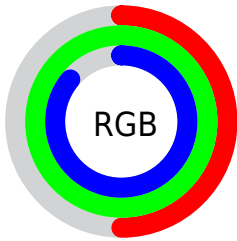
Format	Color
RYB	128, 202, 255
Decimal	8454108
CIELab	92.25, -43.54, 5.90
CIElCh	92, 43.940, 172.280
Yxy	81.2765, 0.2627, 0.3708
Android (android.graphics.Color)	4286644188 (0xFF80FFDC)
YUV	213.0370, 3.4328, -74.5774
Hunter-Lab	90.1535, -43.7620, 10.2560

Details

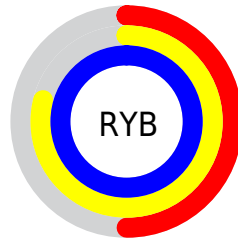
The Hex color **80FFDC** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **FF80A3**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **BCFFFF**, and **41C6A5** is the 20% darker color. If you saturate the color by 10%, you get **67FFD5**, and if you desaturate by 10%, it is **9AFFE3**.

Distribution



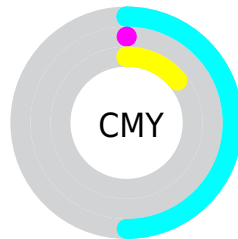
- Red (50%)
- Green (100%)
- Blue (86%)



- Red (50%)
- Yellow (79%)
- Blue (100%)



- Cyan (50%)
- Magenta (0%)
- Yellow (14%)
- Black (0%)



- Cyan (50%)
- Magenta (0%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80FFDC 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 80FFDC by changing the saturation by 10% instead.

 80FFDC

FFFFFF

 BCFFFF

 DAFFFF

 F8FFFF

 80FFDC

 62E2C0

 41C6A5

 14AA8B


 008F71

 007559

 005B41

 00432B

 002C17

 000F00

 80FFDC

 80FFDC

 67FFD5

 9AFFE3

 4DFFCE

 B3FFEA

 33FFC7

 CDFFF1

 1AFFC0

 E6FFF8

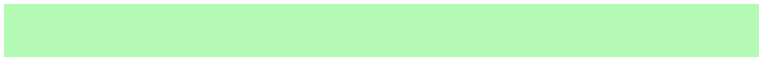
 00FFB9

 FFFFFFFF

Harmonies

Analogous

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



B4FAB4



80FFDC



52FFFF

Triad

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



80FFDC



DFE2FF



FFD4A8

Complementary

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



80FFDC



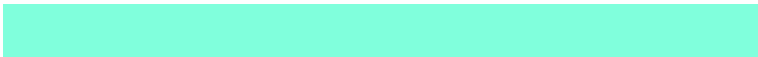
FF80A3

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.



FFCACB



80FFDC



FFD3FF

Square

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



80FFDC



9CF0FF



FFC9F6



FFE295

Rectangle

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



80FFDC



50DFFF



FFC9F6



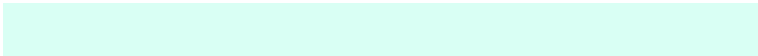
FFD0B2

Sweetspot

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



80FFDC



D9FFF4



A4FF80



698079



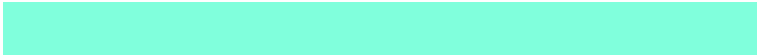
000000



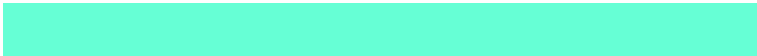
808080

Same Dimension

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



80FFDC



66FFD5



80E3FF



73807C



00BF8B



00402E

Inverse Universe

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



FF80A3



FF6690



FF9C80



807376



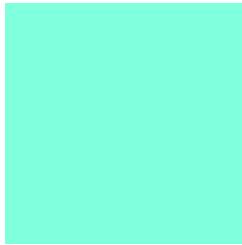
BF0035



400012

Previews

White Background



This preview shows how the Hex color 80FFDC looks on a white background.

Color Contrast Check

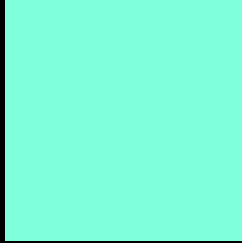
Large Text (above 18pt) WCAG AA × Fail

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 80FFDC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

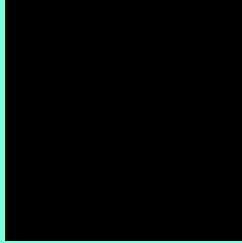
Any Text WCAG AA ✓ Pass

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 80FFDC Background



This preview shows how black text looks on a background with the Hex color 80FFDC.

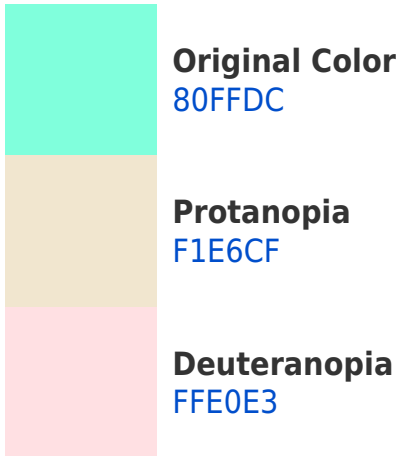


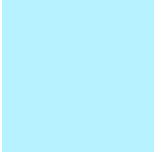
This preview shows how white text looks on a background with the Hex color 80FFDC.

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
B6F2FF

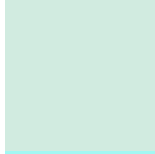
Trichromacy



Original Color
80FFDC



Protanomaly
C8EFD4



Deuteranomaly
D1EBE0

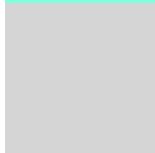


Tritanomaly
A2F7F2

Monochromacy



Original Color
80FFDC



Achromatopsia
D5D5D5



Achromatomaly
B6E4D8

CSS Examples

Text

The CSS property to change the color of the text to Hex 80FFDC 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 #80FFDC looks like.

```
.text, #text, p{  
    color:#80FFDC  
}
```

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 #80FFDC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80FFDC  
}
```

Border

The CSS property to change the border of an element to Hex 80FFDC 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  
#80FFDC }
```

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

```
.border{ border-color:#80FFDC }
```

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

Here you see how a box with a 4 pixel #80FFDC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80FFDC; -webkit-box-shadow:4px 4px  
4px 4px #80FFDC; box-shadow:4px 4px 4px  
4px #80FFDC }
```

Background

The CSS property to change the background color of an element to Hex 80FFDC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80FFDC }
```

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

```
.background{ background-color:#80FFDC }
```

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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