

Converting Colors

Hex(84FDCA)

Have a look what the booklet for
Hex(84FDCA) contains.

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Color

Hex(84FDCA)

Conversions

Conversions Part 1

Format	Color
Hex	84FDCA
RGB	132, 253, 202
RGB Percent	52%, 99%, 79%
CMY	0.4824, 0.0078, 0.2078
CMYK	0.48, 0.00, 0.20, 0.01
HSL	155°, 97%, 75%
HSV	155°, 48%, 99%
XYZ	55.3017, 79.4204, 68.2921
YIQ	211.0070, -55.7450, -41.5130

Conversions

Conversions Part 2

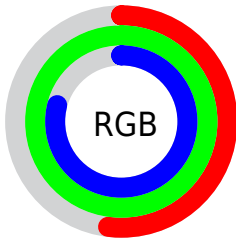
Format	Color
RYB	132, 209, 253
Decimal	8715722
CIELab	91.42, -45.62, 14.02
CIELCh	91, 47.723, 162.921
Yxy	79.4204, 0.2724, 0.3912
Android (android.graphics.Color)	4286905802 (0xFF84FDCA)
YUV	211.0070, -4.4405, -69.2891
Hunter-Lab	89.1181, -45.1896, 16.9482

Details

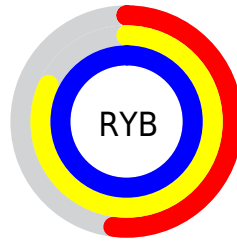
The Hex color **84FDCA** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **FD84B7**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **BFFFFFF**, and **47C494** is the 20% darker color. If you saturate the color by 10%, you get **6BFDBF**, and if you desaturate by 10%, it is **9DFDD5**.

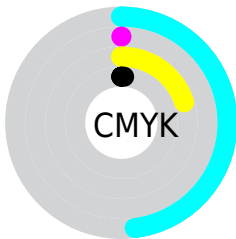
Distribution



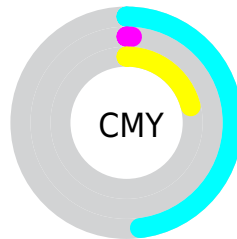
- Red (52%)
- Green (99%)
- Blue (79%)



- Red (52%)
- Yellow (82%)
- Blue (99%)



- Cyan (48%)
- Magenta (0%)
- Yellow (20%)
- Black (1%)



- Cyan (48%)
- Magenta (1%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84FDCA 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 84FDCA by changing the saturation by 10% instead.

 84FDCA

FFFFFF

 BFFFFFF

 DCFFFF

 FBFFFF

 84FDCA

 66E0AF

 47C494

 23A87A

 008D61

 007349

 005932

 00411D

 002B05

 000A00

 84FDCA

 84FDCA

 6BFDBF

 9DFDD5

 51FDB5

 B7FDDF

 38FDAA

 D0FDEA

 1FFD9F

 E9FDF5

 06FD95

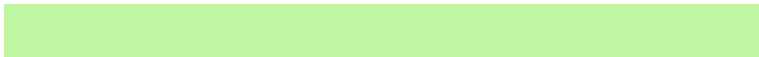
 FFFDFF

 00FD92

Harmonies

Analogous

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



BEF6A2



84FDCA



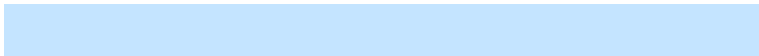
3FFFF9

Triad

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



84FDCA



C4E4FF



FFCBAA

Complementary

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



84FDCA



FD84B7

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.



FFC3D4



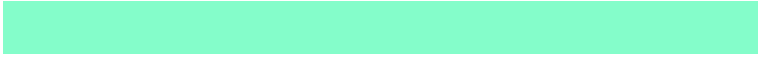
84FDCA



FFD3FF

Square

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



84FDCA



74F3FF



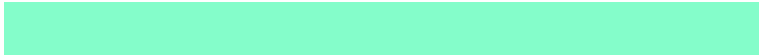
FFC6FF



FFDB8F

Rectangle

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



84FDCA



0FFDFF



FFC6FF



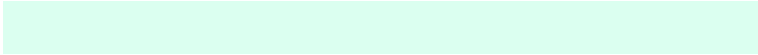
FFC8B7

Sweetspot

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



84FDCA



DBFFF0



B8FD84



6A8076



000000



808080

Same Dimension

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



84FDCA



6EFFC2



84F5FD



73807A



00BF6F



004025

Inverse Universe

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



FD84B7



FF6EAB



FD8C84



807378



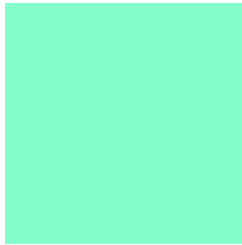
BF0051



40001B

Previews

White Background



This preview shows how the Hex color 84FDCA looks on a white background.

Color Contrast Check

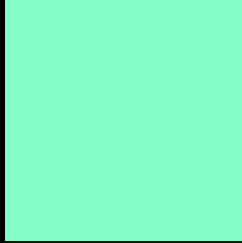
Large Text (above 18pt) WCAG AA × Fail

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 84FDCA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

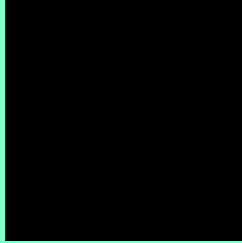
Any Text WCAG AA ✓ Pass

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 84FDCA Background



This preview shows how black text looks on a background with the Hex color 84FDCA.

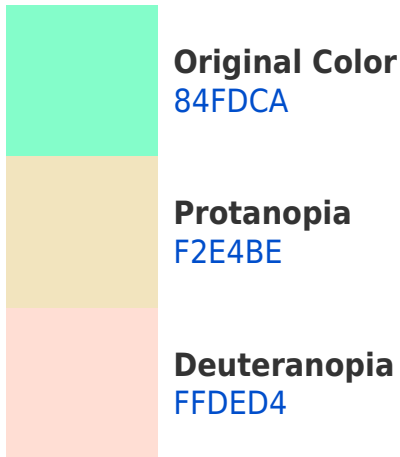


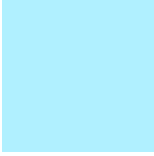
This preview shows how white text looks on a background with the Hex color 84FDCA.

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



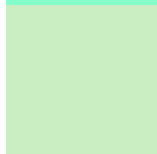


Trichromacy



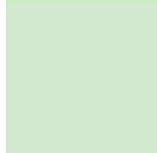
Original Color

84FDCA



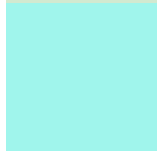
Protanomaly

CAEDC2



Deuteranomaly

D2E9D0



Tritanomaly

A0F5EC

Monochromacy



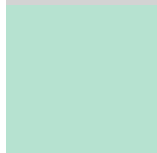
Original Color

84FDCA



Achromatopsia

D3D3D3



Achromatomaly

B6E2D0

CSS Examples

Text

The CSS property to change the color of the text to Hex 84FDCA 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 #84FDCA looks like.

```
.text, #text, p{  
    color:#84FDCA  
}
```

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 #84FDCA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84FDCA
}
```

Border

The CSS property to change the border of an element to Hex 84FDCA 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
#84FDCA }
```

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

```
.border{ border-color:#84FDCA }
```

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

Here you see how a box with a 4 pixel #84FDCA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84FDCA; -webkit-box-shadow:4px 4px  
4px 4px #84FDCA; box-shadow:4px 4px 4px  
4px #84FDCA }
```

Background

The CSS property to change the background color of an element to Hex 84FDCA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84FDCA }
```

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

```
.background{ background-color:#84FDCA }
```

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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