

Converting Colors

Hex(86FDCD)

Have a look what the booklet for
Hex(86FDCD) contains.

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Color

Hex(86FDCD)

Conversions

Conversions Part 1

Format	Color
Hex	86FDCD
RGB	134, 253, 205
RGB Percent	53%, 99%, 80%
CMY	0.4745, 0.0078, 0.1961
CMYK	0.47, 0.00, 0.19, 0.01
HSL	156°, 97%, 76%
HSV	156°, 47%, 99%
XYZ	55.9762, 79.7267, 70.1961
YIQ	211.9470, -55.5160, -40.1560

Conversions

Conversions Part 2

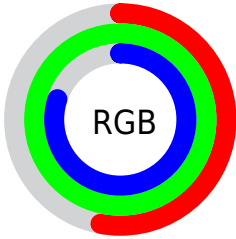
Format	Color
RYB	134, 209, 253
Decimal	8846797
CIELab	91.56, -44.52, 12.68
CIELCh	92, 46.292, 164.107
Yxy	79.7267, 0.2719, 0.3872
Android (android.graphics.Color)	4287036877 (0xFF86FDCD)
YUV	211.9470, -3.4249, -68.3595
Hunter-Lab	89.2898, -44.3545, 15.8914

Details

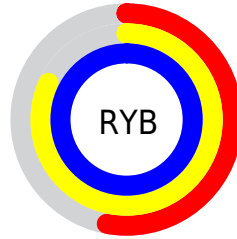
The Hex color **86FDCD** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **FD86B6**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **C1FFFF**, and **4AC497** is the 20% darker color. If you saturate the color by 10%, you get **6DFDC3**, and if you desaturate by 10%, it is **9FFDD7**.

Distribution



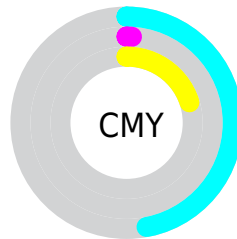
- Red (53%)
- Green (99%)
- Blue (80%)



- Red (53%)
- Yellow (82%)
- Blue (99%)



- Cyan (47%)
- Magenta (0%)
- Yellow (19%)
- Black (1%)



- Cyan (47%)
- Magenta (1%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86FDCD 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 86FDCD by changing the saturation by 10% instead.

 86FDCD

FFFFFF

 C1FFFF

 DEFFFF

 FCFFFF

 86FDCD

 69E0B1

 4AC497

 26A87D

 008D64

 00734C

 005935

 004120

 002B09

 000B00

 86FDCD

 86FDCD

 6DFDC3

 9FFDD7

 53FDB9

 B9FDE1

 3AFDAE

 D2FDEC

 21FDA4

 EBFDF6

 07FD9A

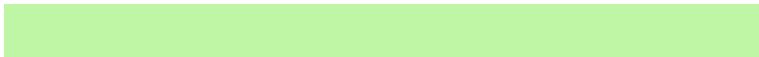
FFFDFE

 00FD97

Harmonies

Analogous

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



BEF6A5



86FDCD



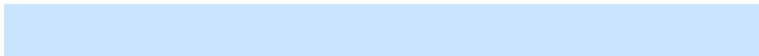
49FFFB

Triad

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



86FDCD



C9E4FF



FFCDAB

Complementary

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



86FDCD



FD86B6

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.



FFC5D3



86FDCD



FFD4FF

Square

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



86FDCD



7EF2FF



FFC7FF



FFDC92

Rectangle

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



86FDCD



2FFDFF



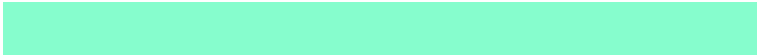
FFC7FF



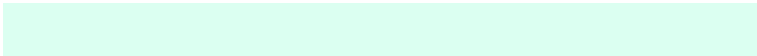
FFC9B7

Sweetspot

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



86FDCD



DBFFF1



B8FD86



6A8077



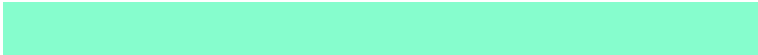
000000



808080

Same Dimension

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



86FDCD



70FFC5



86F3FD



73807A



00BF72



004026

Inverse Universe

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



FD86B6



FF70AA



FD9086



807378



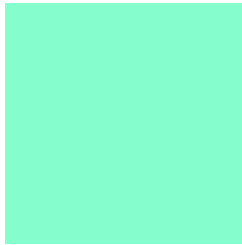
BF004D



40001A

Previews

White Background



This preview shows how the Hex color 86FDCD looks on a white background.

Color Contrast Check

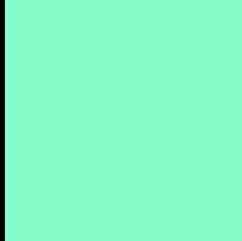
Large Text (above 18pt) WCAG AA × Fail

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 86FDCD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

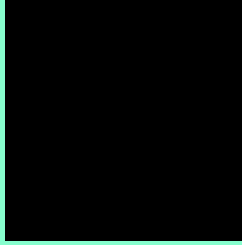
Any Text WCAG AA ✓ Pass

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 86FDCD Background



This preview shows how black text looks on a background with the Hex color 86FDCD.

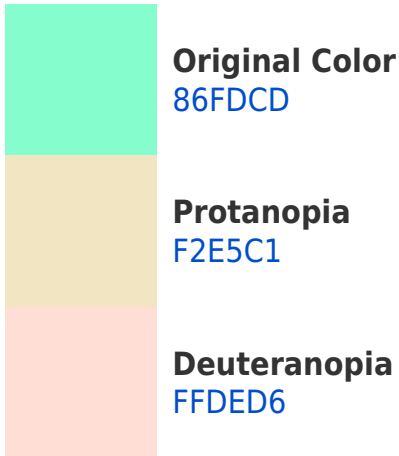


This preview shows how white text looks on a background with the Hex color 86FDCD.

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



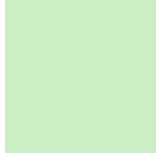


Tritanopia
B1FOFF

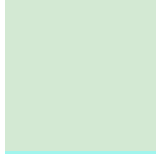
Trichromacy



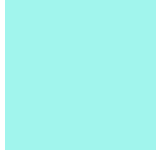
Original Color
86FDCD



Protanomaly
CBEEC5

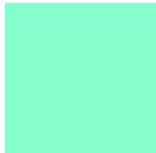


Deuteranomaly
D3E9D3

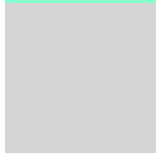


Tritanomaly
A1F5ED

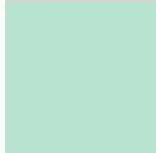
Monochromacy



Original Color
86FDCD



Achromatopsia
D4D4D4



Achromatomaly
B8E3D1

CSS Examples

Text

The CSS property to change the color of the text to Hex 86FDCD 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 #86FDCD looks like.

```
.text, #text, p{  
    color:#86FDCD  
}
```

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 #86FDCD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86FDCD
}
```

Border

The CSS property to change the border of an element to Hex 86FDCD 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
#86FDCD }
```

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

```
.border{ border-color:#86FDCD }
```

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

Here you see how a box with a 4 pixel #86FDCD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86FDCD; -webkit-box-shadow:4px 4px  
4px 4px #86FDCD; box-shadow:4px 4px 4px  
4px #86FDCD }
```

Background

The CSS property to change the background color of an element to Hex 86FDCD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86FDCD }
```

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

```
.background{ background-color:#86FDCD }
```

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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