

Converting Colors

Hex(83F9DC)

Have a look what the booklet for
Hex(83F9DC) contains.

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Color

Hex(83F9DC)

Conversions

Conversions Part 1

Format	Color
Hex	83F9DC
RGB	131, 249, 220
RGB Percent	51%, 98%, 86%
CMY	0.4863, 0.0235, 0.1373
CMYK	0.47, 0.00, 0.12, 0.02
HSL	165°, 91%, 75%
HSV	165°, 47%, 98%
XYZ	56.1540, 77.7440, 79.7566
YIQ	210.4120, -61.0190, -34.0350

Conversions

Conversions Part 2

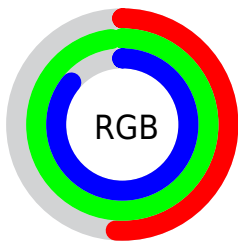
Format	Color
RYB	131, 198, 249
Decimal	8649180
CIELab	90.66, -40.20, 3.61
CIELCh	91, 40.366, 174.863
Yxy	77.7440, 0.2628, 0.3639
Android (android.graphics.Color)	4286839260 (0xFF83F9DC)
YUV	210.4120, 4.7269, -69.6443
Hunter-Lab	88.1725, -40.6215, 8.0899

Details

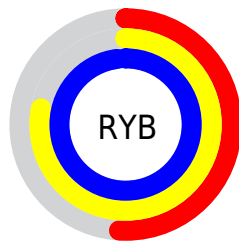
The Hex color **83F9DC** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **F983A0**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **BEFFFF**, and **46C0A5** is the 20% darker color. If you saturate the color by 10%, you get **6AF9D6**, and if you desaturate by 10%, it is **9CF9E2**.

Distribution



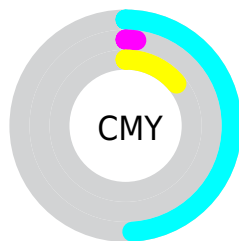
- Red (51%)
- Green (98%)
- Blue (86%)



- Red (51%)
- Yellow (78%)
- Blue (98%)



- Cyan (47%)
- Magenta (0%)
- Yellow (12%)
- Black (2%)



- Cyan (49%)
- Magenta (2%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83F9DC 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 83F9DC by changing the saturation by 10% instead.

 83F9DC

FFFFFF

 BEFFFF

 DCFFFF

 FAFFFF

 83F9DC

 65DCC0

 46C0A5

 20A48B

 008A71

 007059

 005642

 003E2C

 002917

 000500

 83F9DC

 83F9DC

 6AF9D6

 9CF9E2

 51F9D0

 B5F9E8

 38F9CA

 CEF9EE

 1FF9C4

 E7F9F4

 06F9BD

 FFF9FB

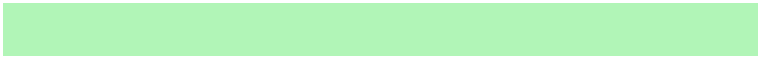
 00F9BC

 FFF9FF

Harmonies

Analogous

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



B1F5B7



83F9DC



62F9FF

Triad

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



83F9DC



E0DDFF



FFD2A6

Complementary

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



83F9DC



F983A0

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.



FFC9C6



83F9DC



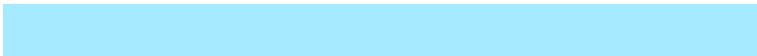
FFCFFF

Square

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



83F9DC



A6EAFF



FFC8ED



FFE097

Rectangle

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



83F9DC



65F6FF



FFC8ED



FFCFAF

Sweetspot

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



83F9DC



DBFFF6



A1F983



6A807A



000000



808080

Same Dimension

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



83F9DC



6EFFDB



83DBF9



707D7A



00BD8E



003D2E

Inverse Universe

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



F983A0



FF6E91



F9A183



7D7074



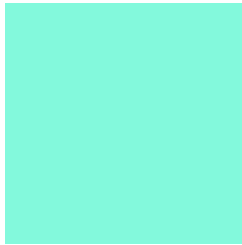
BD002E



3D000F

Previews

White Background



This preview shows how the Hex color 83F9DC looks on a white background.

Color Contrast Check

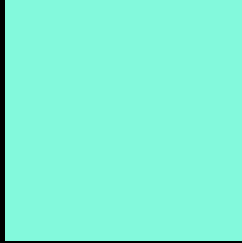
Large Text (above 18pt) WCAG AA × Fail

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 83F9DC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

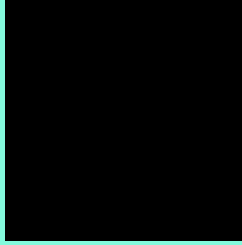
Any Text WCAG AA ✓ Pass

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 83F9DC Background



This preview shows how black text looks on a background with the Hex color 83F9DC.

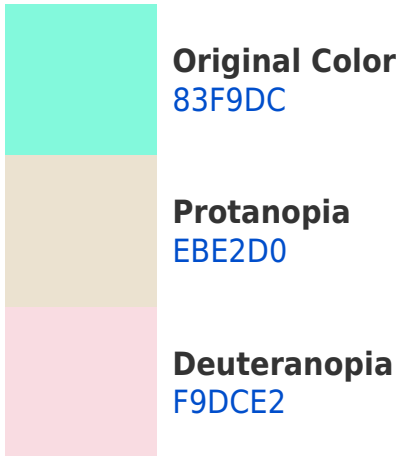


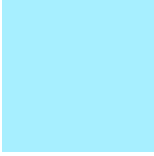
This preview shows how white text looks on a background with the Hex color 83F9DC.

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



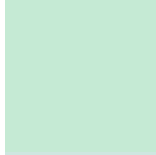


Tritanopia
A7EFFF

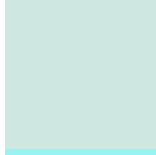
Trichromacy



Original Color
83F9DC



Protanomaly
C5EAD4



Deuteranomaly
CEE7E0

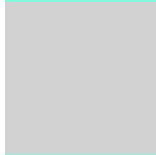


Tritanomaly
9AF3F2

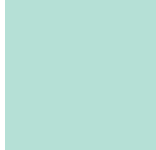
Monochromacy



Original Color
83F9DC



Achromatopsia
D2D2D2



Achromatomaly
B5E0D6

CSS Examples

Text

The CSS property to change the color of the text to Hex 83F9DC 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 #83F9DC looks like.

```
.text, #text, p{  
    color:#83F9DC  
}
```

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 #83F9DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83F9DC  
}
```

Border

The CSS property to change the border of an element to Hex 83F9DC 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  
#83F9DC }
```

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

```
.border{ border-color:#83F9DC }
```

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

Here you see how a box with a 4 pixel #83F9DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83F9DC; -webkit-box-shadow:4px 4px  
4px 4px #83F9DC; box-shadow:4px 4px 4px  
4px #83F9DC }
```

Background

The CSS property to change the background color of an element to Hex 83F9DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83F9DC }
```

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

```
.background{ background-color:#83F9DC }
```

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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