

# Converting Colors

Hex(83F5D0)

Have a look what the booklet for  
Hex(83F5D0) contains.

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**Color**

**Hex(83F5D0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	83F5D0
RGB	131, 245, 208
RGB Percent	51%, 96%, 82%
CMY	0.4863, 0.0392, 0.1843
CMYK	0.47, 0.00, 0.15, 0.04
HSL	161°, 85%, 74%
HSV	161°, 47%, 96%
XYZ	53.3976, 74.6842, 71.2756
YIQ	206.6960, -56.0670, -35.6750

# Conversions

## Conversions Part 2

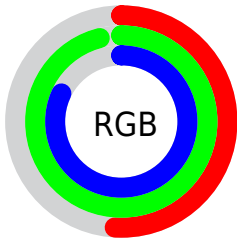
Format	Color
<a href="#">RYB</a>	<a href="#">131, 199, 245</a>
Decimal	<a href="#">8648144</a>
CIELab	<a href="#">89.24, -41.07, 7.80</a>
CIELCh	<a href="#">89, 41.806, 169.246</a>
Yxy	<a href="#">74.6842, 0.2678, 0.3746</a>
Android (android.graphics.Color)	<a href="#">4286838224 (0xFF83F5D0)</a>
YUV	<a href="#">206.6960, 0.6429, -66.3854</a>
Hunter-Lab	<a href="#">86.4200, -40.9425, 11.5941</a>

# Details

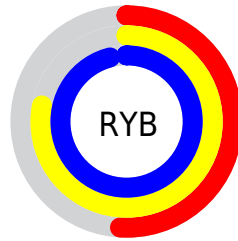
The Hex color **83F5D0** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **F583A8**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **BDFFFF**, and **47BC9A** is the 20% darker color. If you saturate the color by 10%, you get **6AF5C8**, and if you desaturate by 10%, it is **9BF5D8**.

# Distribution



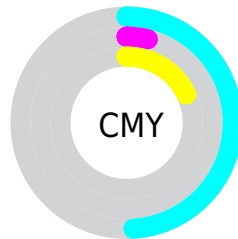
- Red (51%)
- Green (96%)
- Blue (82%)



- Red (51%)
- Yellow (78%)
- Blue (96%)



- Cyan (47%)
- Magenta (0%)
- Yellow (15%)
- Black (4%)



- Cyan (49%)
- Magenta (4%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 83F5D0 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 83F5D0 by changing the saturation by 10% instead.



 83F5D0

 83F5D0

FFFFFF

 66D8B4

 BDFFFF

 47BC9A

 DBFFFF

 24A180

 F9FFFF

 008667

 006C4F

 005338

 003B22

 00260D

 000000

 83F5D0

 83F5D0

 6AF5C8

 9BF5D8

 52F5C0

 B4F5E0

 39F5B8

 CCF5E8

 21F5B0

 E5F5F0

 08F5A8

 FEF5F8

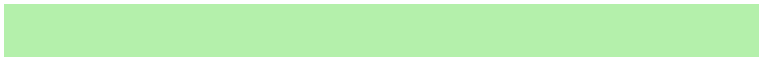
 00F5A5

 FFF5FF

# Harmonies

## Analogous

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



B4F0AB



83F5D0



58F6F9

# Triad

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



83F5D0



D1DBFF



FFCBA5

# Complementary

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



83F5D0



F583A8

# 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.



FFC3C8



83F5D0



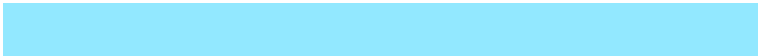
FFCDFF

# Square

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



83F5D0



92E8FF



FFC3F0



FFD992

# Rectangle

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



83F5D0



52F4FF



FFC3F0



FFC8B0

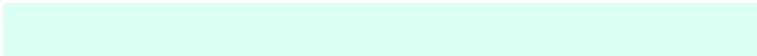


# Sweetspot

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



83F5D0



DBFFF3



A9F583



6A8078



000000



808080



# Same Dimension

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



83F5D0



70FFD1



83E2F5



6E7A76



00BA7E



003B28



# Inverse Universe

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



F583A8



FF709F



F59683



7A6E72



BA003C

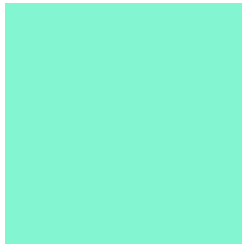


3B0013



# Previews

## White Background



This preview shows how the Hex color 83F5D0 looks on a white background.

## Color Contrast Check

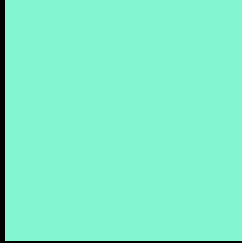
Large Text (above 18pt) WCAG AA × Fail

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 83F5D0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

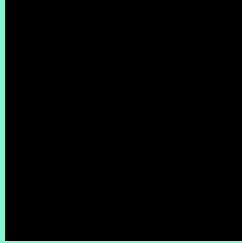
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 83F5D0 Background



This preview shows how black text looks on a background with the Hex color 83F5D0.

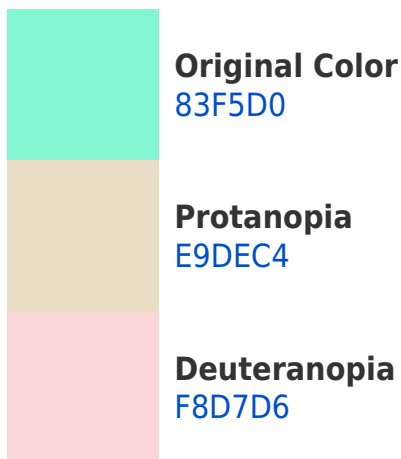


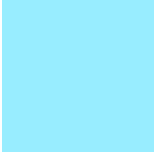
This preview shows how white text looks on a background with the Hex color 83F5D0.

# 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**  
98EDFF

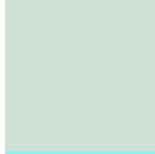
# Trichromacy



**Original Color**  
83F5D0



**Protanomaly**  
C4E6C8



**Deuteranomaly**  
CDE2D4

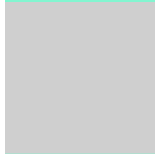


**Tritanomaly**  
90F0EE

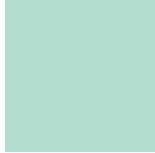
# Monochromacy



**Original Color**  
83F5D0



**Achromatopsia**  
CFCFCF



**Achromatomaly**  
B3DDCF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 83F5D0 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 #83F5D0 looks like.

```
.text, #text, p{  
    color:#83F5D0  
}
```

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 #83F5D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83F5D0
}
```

## Border

The CSS property to change the border of an element to Hex 83F5D0 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
#83F5D0 }
```

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

```
.border{ border-color:#83F5D0 }
```

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

Here you see how a box with a 4 pixel #83F5D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83F5D0; -webkit-box-shadow:4px 4px  
4px 4px #83F5D0; box-shadow:4px 4px 4px  
4px #83F5D0 }
```

# Background

The CSS property to change the background color of an element to Hex 83F5D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83F5D0 }
```

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

```
.background{ background-color:#83F5D0 }
```

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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