

# Converting Colors

Hex(87F6DB)

Have a look what the booklet for  
Hex(87F6DB) contains.

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# **Color**

**Hex(87F6DB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	87F6DB
RGB	135, 246, 219
RGB Percent	53%, 96%, 86%
CMY	0.4706, 0.0353, 0.1412
CMYK	0.45, 0.00, 0.11, 0.04
HSL	165°, 86%, 75%
HSV	165°, 45%, 96%
XYZ	55.7336, 76.1769, 78.7840
YIQ	209.7330, -57.4890, -31.9290

# Conversions

## Conversions Part 2

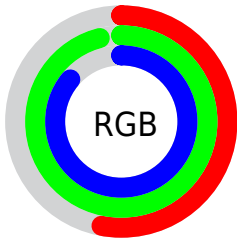
Format	Color
<a href="#">RYB</a>	<a href="#">135, 198, 246</a>
Decimal	<a href="#">8910555</a>
CIELab	<a href="#">89.94, -38.14, 3.11</a>
CIELCh	<a href="#">90, 38.269, 175.345</a>
Yxy	<a href="#">76.1769, 0.2645, 0.3616</a>
Android (android.graphics.Color)	<a href="#">4287100635</a> ( <a href="#">0xFF87F6DB</a> )
YUV	<a href="#">209.7330, 4.5686, -65.5408</a>
Hunter-Lab	<a href="#">87.2794, -38.7549, 7.5766</a>

# Details

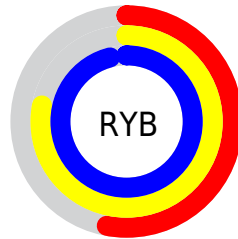
The Hex color **87F6DB** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **F687A2**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **C1FFFF**, and **4CBDA4** is the 20% darker color. If you saturate the color by 10%, you get **6EF6D5**, and if you desaturate by 10%, it is **A0F6E1**.

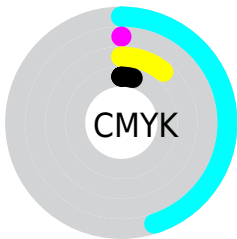
# Distribution



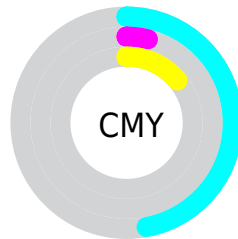
- Red (53%)
- Green (96%)
- Blue (86%)



- Red (53%)
- Yellow (78%)
- Blue (96%)



- Cyan (45%)
- Magenta (0%)
- Yellow (11%)
- Black (4%)



- Cyan (47%)
- Magenta (4%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 87F6DB 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 87F6DB by changing the saturation by 10% instead.



 87F6DB

 87F6DB

FFFFFF

 6AD9BF

 C1FFFF

 4CBDA4

 DFFFFF

 2AA28A

FDFFFF

 008770

 006D58

 005441

 003C2B

 002716

 000000

 87F6DB

 87F6DB

 6EF6D5

 A0F6E1

 56F6CF

 B8F6E7

 3DF6C9

 D1F6ED

 25F6C3

 E9F6F3

 0CF6BD

 FFF6F9

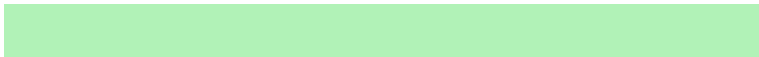
 00F6BA

 FFF6FF

# Harmonies

## Analogous

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



B1F2B7



87F6DB



6BF6FF

# Triad

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



87F6DB



DFDBFF



FFD2A7

# Complementary

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



87F6DB



F687A2

# 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.



FFC9C5



87F6DB



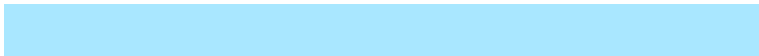
FFCEFF

# Square

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



87F6DB



A9E7FF



FFC7E9



FFDE99

# Rectangle

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



87F6DB



6EF3FF



FFC7E9



FFCEB0

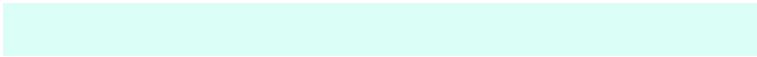


# Sweetspot

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



87F6DB



DBFFF6



A3F687



6A807A



000000



808080



# Same Dimension

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



87F6DB



75FFDE



87DAF6



6E7A77



00BA8D



003B2C



# Inverse Universe

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



F687A2



FF7597



F6A387



7A6E71



BA002D

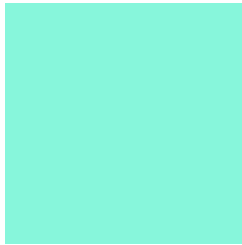


3B000E



# Previews

## White Background



This preview shows how the Hex color 87F6DB looks on a white background.

## Color Contrast Check

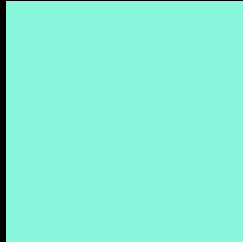
Large Text (above 18pt) WCAG AA × Fail

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 87F6DB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

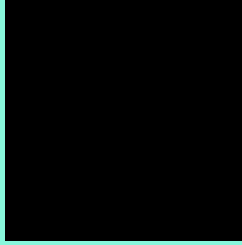
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 87F6DB Background



This preview shows how black text looks on a background with the Hex color 87F6DB.



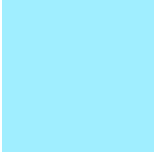
This preview shows how white text looks on a background with the Hex color 87F6DB.

# 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](#).

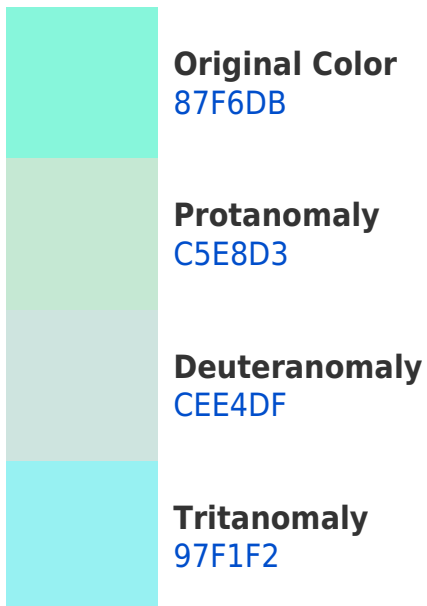
## Dichromacy



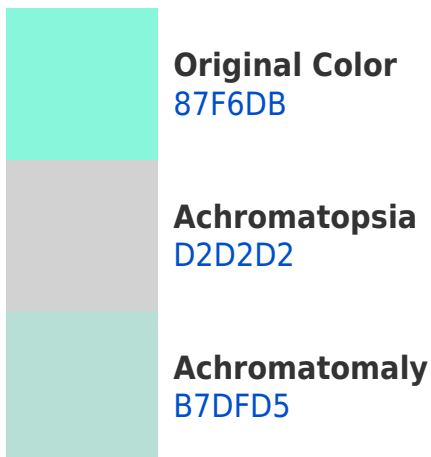


**Tritanopia**  
A0EEFF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 87F6DB 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 #87F6DB looks like.

```
.text, #text, p{  
    color:#87F6DB  
}
```

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 #87F6DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87F6DB
}
```

## Border

The CSS property to change the border of an element to Hex 87F6DB 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
#87F6DB }
```

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

```
.border{ border-color:#87F6DB }
```

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

Here you see how a box with a 4 pixel #87F6DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87F6DB; -webkit-box-shadow:4px 4px  
4px 4px #87F6DB; box-shadow:4px 4px 4px  
4px #87F6DB }
```

# Background

The CSS property to change the background color of an element to Hex 87F6DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87F6DB }
```

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

```
.background{ background-color:#87F6DB }
```

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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