

# Converting Colors

Hex(84F0D1)

Have a look what the booklet for  
Hex(84F0D1) contains.

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# **Color**

**Hex(84F0D1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	84F0D1
RGB	132, 240, 209
RGB Percent	52%, 94%, 82%
CMY	0.4824, 0.0588, 0.1804
CMYK	0.45, 0.00, 0.13, 0.06
HSL	163°, 78%, 73%
HSV	163°, 45%, 94%
XYZ	52.1844, 71.8292, 71.4356
YIQ	204.1740, -54.4170, -32.5370

# Conversions

## Conversions Part 2

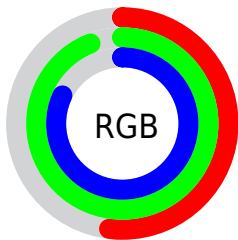
Format	Color
<a href="#">RYB</a>	<a href="#">132, 195, 240</a>
Decimal	<a href="#">8712401</a>
CIELab	<a href="#">87.89, -38.36, 5.33</a>
CIElCh	<a href="#">88, 38.732, 172.093</a>
Yxy	<a href="#">71.8292, 0.2670, 0.3675</a>
Android (android.graphics.Color)	<a href="#">4286902481 (0xFF84F0D1)</a>
YUV	<a href="#">204.1740, 2.3792, -63.2966</a>
Hunter-Lab	<a href="#">84.7521, -38.4083, 9.3523</a>

# Details

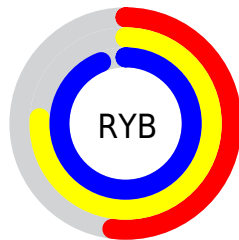
The Hex color **84F0D1** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **F084A3**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **BEFFFF**, and **49B79B** is the 20% darker color. If you saturate the color by 10%, you get **6CF0CA**, and if you desaturate by 10%, it is **9CF0D8**.

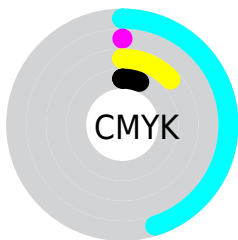
# Distribution



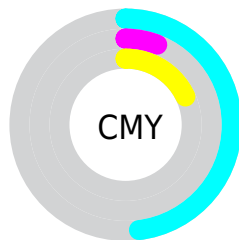
- Red (52%)
- Green (94%)
- Blue (82%)



- Red (52%)
- Yellow (76%)
- Blue (94%)



- Cyan (45%)
- Magenta (0%)
- Yellow (13%)
- Black (6%)



- Cyan (48%)
- Magenta (6%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 84F0D1 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 84F0D1 by changing the saturation by 10% instead.



 84F0D1

 84F0D1

FFFFFF

 67D3B5

 BEFFFF

 49B79B

 DBFFFF

 289C81

 F9FFFF

 008268

 006850

 004F39

 003723

 00230E

 000000

 84F0D1

 84F0D1

 6CF0CA

 9CF0D8

 54F0C3

 B4F0DF

 3CF0BC

 CCF0E6

 24F0B5

 E4F0ED

 0CF0AF

 FCF0F3

 00F0AB

 FFF0FA

 FFF0FF

# Harmonies

## Analogous

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



AFEBAE



84F0D1



63F0F7

# Triad

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



84F0D1



D4D6FF



FFCAA4

# Complementary

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



84F0D1



F084A3

# 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.



FFC2C2



84F0D1



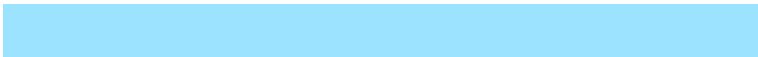
FFCAFF

# Square

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



84F0D1



9CE3FF



FFC1E8



FFD794

# Rectangle

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



84F0D1



63EEFF



FFC1E8



FFC7AD

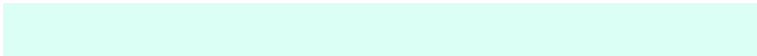


# Sweetspot

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



84F0D1



DBFFF5



A4F084



6A8079



000000



808080



# Same Dimension

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



84F0D1



75FFD7



84DAF0



6C7874



00B883



003828



# Inverse Universe

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



F084A3



FF759D



F09A84



786C6F



B80035

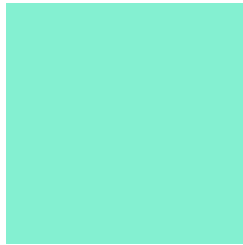


380010



# Previews

## White Background



This preview shows how the Hex color 84F0D1 looks on a white background.

## Color Contrast Check

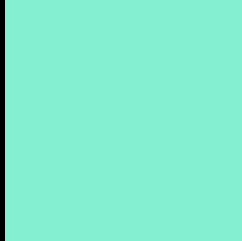
Large Text (above 18pt) WCAG AA × Fail

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 84F0D1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

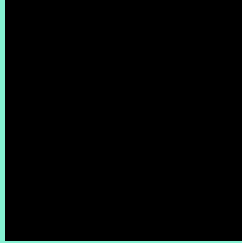
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 84F0D1 Background



This preview shows how black text looks on a background with the Hex color 84F0D1.

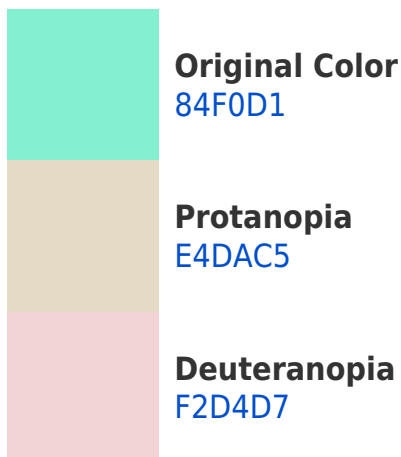


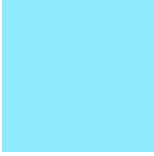
This preview shows how white text looks on a background with the Hex color 84F0D1.

# 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



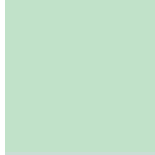


**Tritanopia**  
90EAFD

# Trichromacy



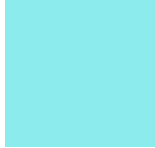
**Original Color**  
84F0D1



**Protanomaly**  
C1E2C9



**Deuteranomaly**  
CADED5



**Tritanomaly**  
8CECED

# Monochromacy



**Original Color**  
84F0D1



**Achromatopsia**  
CCCCCC



**Achromatomaly**  
B2D9CE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 84F0D1 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 #84F0D1 looks like.

```
.text, #text, p{  
    color:#84F0D1  
}
```

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 #84F0D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84F0D1
}
```

## Border

The CSS property to change the border of an element to Hex 84F0D1 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
#84F0D1 }
```

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

```
.border{ border-color:#84F0D1 }
```

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

Here you see how a box with a 4 pixel #84F0D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84F0D1; -webkit-box-shadow:4px 4px  
4px 4px #84F0D1; box-shadow:4px 4px 4px  
4px #84F0D1 }
```

# Background

The CSS property to change the background color of an element to Hex 84F0D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84F0D1 }
```

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

```
.background{ background-color:#84F0D1 }
```

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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