

# Converting Colors

Hex(84F5C6)

Have a look what the booklet for  
Hex(84F5C6) contains.

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**Color**

**Hex(84F5C6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	84F5C6
RGB	132, 245, 198
RGB Percent	52%, 96%, 78%
CMY	0.4824, 0.0392, 0.2235
CMYK	0.46, 0.00, 0.19, 0.04
HSL	155°, 85%, 74%
HSV	155°, 46%, 96%
XYZ	52.3612, 74.2876, 65.0053
YIQ	205.8550, -52.2610, -38.5730

# Conversions

## Conversions Part 2

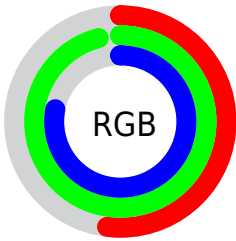
Format	Color
R <sub>Y</sub> B	132, 203, 245
Decimal	8713670
CIE Lab	89.06, -42.95, 12.73
CIE LCh	89, 44.800, 163.494
Yxy	74.2876, 0.2732, 0.3876
Android (android.graphics.Color)	4286903750 (0xFF84F5C6)
YUV	205.8550, -3.8725, -64.7708
Hunter-Lab	86.1902, -42.3929, 15.6162

# Details

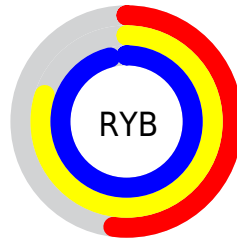
The Hex color **84F5C6** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **F584B3**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **BEFFFF**, and **49BC90** is the 20% darker color. If you saturate the color by 10%, you get **6CF5BC**, and if you desaturate by 10%, it is **9DF5D0**.

# Distribution



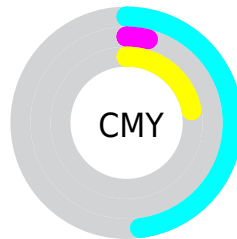
- Red (52%)
- Green (96%)
- Blue (78%)



- Red (52%)
- Yellow (80%)
- Blue (96%)



- Cyan (46%)
- Magenta (0%)
- Yellow (19%)
- Black (4%)



- Cyan (48%)
- Magenta (4%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 84F5C6 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 84F5C6 by changing the saturation by 10% instead.



 84F5C6

FFFFFF

 BEFFFF

 DCFFFF

 F9FFFF

 84F5C6

 67D8AB

 49BC90

 27A176

 00865E

 006C46


 00532F

 003B1A

 002600

 000000

 84F5C6

 84F5C6

 6CF5BC

 9DF5D0

 53F5B2

 B5F5DA

 3BF5A7

 CEF5E5

 22F59D

 E6F5EF

 0AF593

 FFF5F9

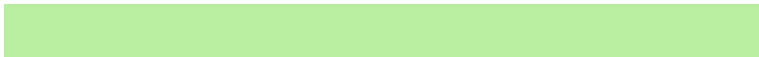
 00F58F

 FFF5FF

# Harmonies

## Analogous

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



B9EEA0



84F5C6



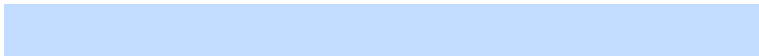
4BF7F2

# Triad

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



84F5C6



C2DDFF



FFC7A7

# Complementary

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



84F5C6



F584B3

# 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.



FFBFCE



84F5C6



FDCEFF

# Square

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



84F5C6



7AEBFF



FFC2F9



FFD58E

# Rectangle

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



84F5C6



33F5FF



FFC2F9



FFC3B3

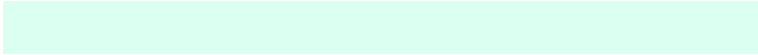


# Sweetspot

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



84F5C6



DBFFF0



B3F584



6A8076



000000



808080



# Same Dimension

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



84F5C6



73FFC5



84ECF5



6E7A75



00BA6D



003B22



# Inverse Universe

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



F584B3



FF73AD



F58D84



7A6E73



BA004D

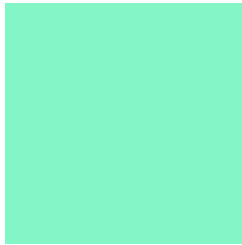


3B0018



# Previews

## White Background



This preview shows how the Hex color 84F5C6 looks on a white background.

## Color Contrast Check

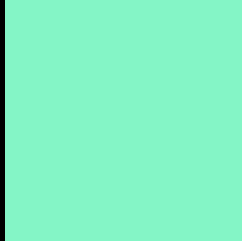
Large Text (above 18pt) WCAG AA × Fail

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 84F5C6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

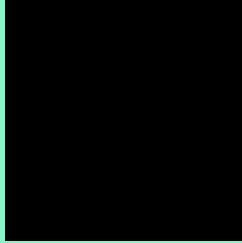
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 84F5C6 Background



This preview shows how black text looks on a background with the Hex color 84F5C6.

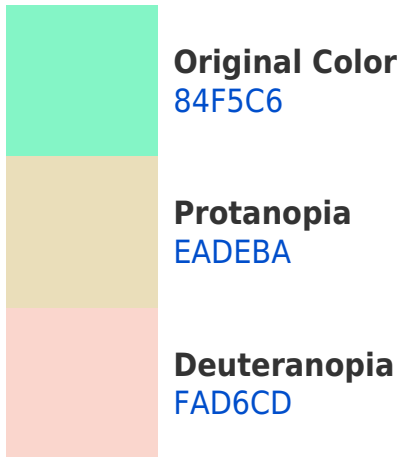


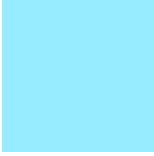
This preview shows how white text looks on a background with the Hex color 84F5C6.

# 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



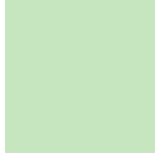


**Tritanopia**  
97EDFF

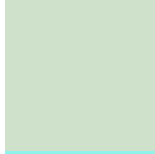
# Trichromacy



**Original Color**  
84F5C6



**Protanomaly**  
C5E6BE



**Deuteranomaly**  
CFE1CA

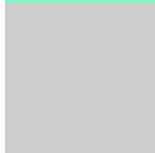


**Tritanomaly**  
90F0EA

# Monochromacy



**Original Color**  
84F5C6



**Achromatopsia**  
CECECE



**Achromatomaly**  
B3DCCB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 84F5C6 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 #84F5C6 looks like.

```
.text, #text, p{  
    color:#84F5C6  
}
```

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 #84F5C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84F5C6  
}
```

## Border

The CSS property to change the border of an element to Hex 84F5C6 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  
#84F5C6 }
```

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

```
.border{ border-color:#84F5C6 }
```

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

Here you see how a box with a 4 pixel #84F5C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84F5C6; -webkit-box-shadow:4px 4px  
4px 4px #84F5C6; box-shadow:4px 4px 4px  
4px #84F5C6 }
```

# Background

The CSS property to change the background color of an element to Hex 84F5C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84F5C6 }
```

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

```
.background{ background-color:#84F5C6 }
```

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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