

Converting Colors

Hex(84F5BA)

Have a look what the booklet for
Hex(84F5BA) contains.

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Color

Hex(84F5BA)

Conversions

Conversions Part 1

Format	Color
Hex	84F5BA
RGB	132, 245, 186
RGB Percent	52%, 96%, 73%
CMY	0.4824, 0.0392, 0.2706
CMYK	0.46, 0.00, 0.24, 0.04
HSL	149°, 85%, 74%
HSV	149°, 46%, 96%
XYZ	51.0311, 73.7555, 58.0010
YIQ	204.4870, -48.4090, -42.3050

Conversions

Conversions Part 2

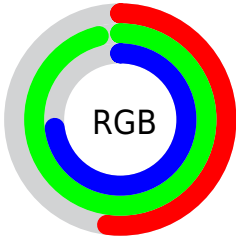
Format	Color
RYB	132, 208, 245
Decimal	8713658
CIELab	88.81, -45.37, 18.57
CIELCh	89, 49.026, 157.736
Yxy	73.7555, 0.2792, 0.4035
Android (android.graphics.Color)	4286903738 (0xFF84F5BA)
YUV	204.4870, -9.1141, -63.5711
Hunter-Lab	85.8810, -44.2260, 20.0744

Details

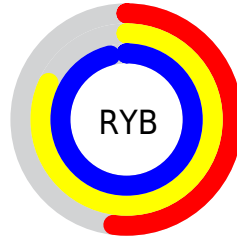
The Hex color **84F5BA** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **F584BF**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **BEFFF2**, and **49BC85** is the 20% darker color. If you saturate the color by 10%, you get **6CF5AD**, and if you desaturate by 10%, it is **9DF5C7**.

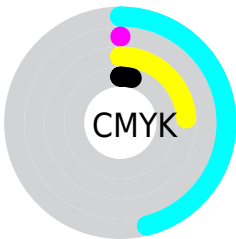
Distribution



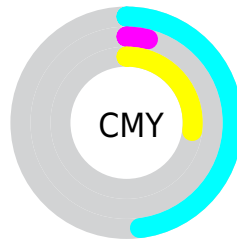
- Red (52%)
- Green (96%)
- Blue (73%)



- Red (52%)
- Yellow (82%)
- Blue (96%)



- Cyan (46%)
- Magenta (0%)
- Yellow (24%)
- Black (4%)



- Cyan (48%)
- Magenta (4%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84F5BA 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 84F5BA by changing the saturation by 10% instead.

 84F5BA

FFFFFF

 BEFFF2

 DBFFFF

 F9FFFF

 84F5BA

 67D89F

 49BC85

 27A16B

 008653

 006C3B

 005325

 003A10

 002500

 000000

 84F5BA

 84F5BA

 6CF5AD

 9DF5C7

 53F5A0

 B5F5D4

 3BF594

 CEF5E0

 22F587

 E6F5ED

 0AF57A

 FFF5FA

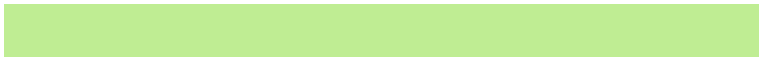
 00F575

 FFF5FF

Harmonies

Analogous

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



BFED93



84F5BA



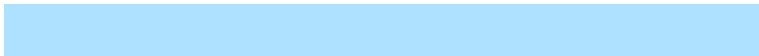
35F8EA

Triad

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



84F5BA



AEE0FF



FFC1A8

Complementary

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



84F5BA



F584BF

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.



FFBAD4



84F5BA



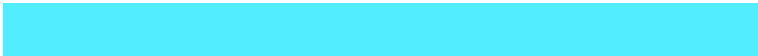
F4CEFF

Square

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



84F5BA



52EDFF



FFBFFF



FFD089

Rectangle

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



84F5BA



00F7FF



FFBFFF



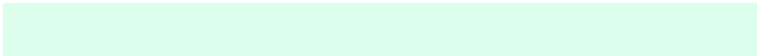
FFBDB6

Sweetspot

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



84F5BA



DBFFEC



C0F584



6A8074



000000



808080

Same Dimension

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



84F5BA



73FFB6



84F5F1



6E7A74



00BA59



003B1C

Inverse Universe

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



F584BF



FF73BC



F58488



7A6E75



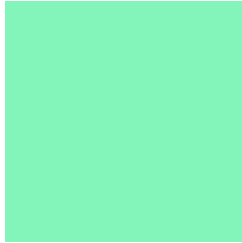
BA0061



3B001F

Previews

White Background



This preview shows how the Hex color 84F5BA looks on a white background.

Color Contrast Check

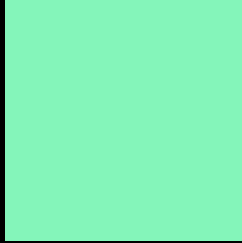
Large Text (above 18pt) WCAG AA × Fail

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 84F5BA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

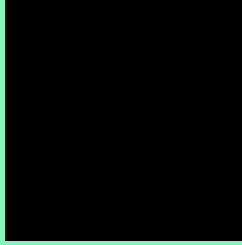
Any Text WCAG AA ✓ Pass

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 84F5BA Background



This preview shows how black text looks on a background with the Hex color 84F5BA.

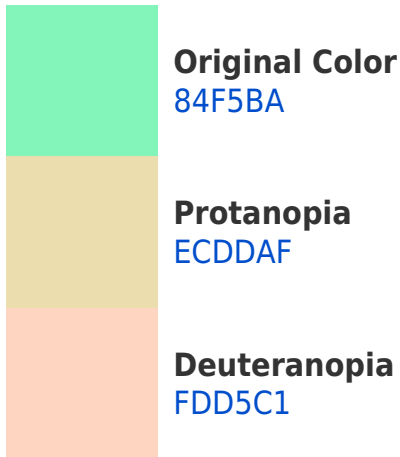


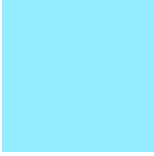
This preview shows how white text looks on a background with the Hex color 84F5BA.

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



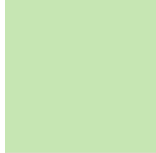


Tritanopia
95ECFF

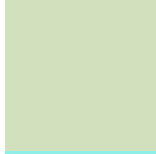
Trichromacy



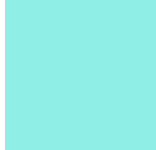
Original Color
84F5BA



Protanomaly
C6E6B3

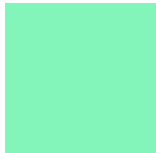


Deuteranomaly
D1E1BE

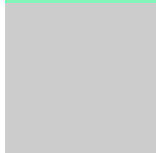


Tritanomaly
8FEFE6

Monochromacy



Original Color
84F5BA



Achromatopsia
CCCCCC



Achromatomaly
B2DBC5

CSS Examples

Text

The CSS property to change the color of the text to Hex 84F5BA 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 #84F5BA looks like.

```
.text, #text, p{  
    color:#84F5BA  
}
```

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 #84F5BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84F5BA
}
```

Border

The CSS property to change the border of an element to Hex 84F5BA 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
#84F5BA }
```

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

```
.border{ border-color:#84F5BA }
```

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

Here you see how a box with a 4 pixel #84F5BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84F5BA; -webkit-box-shadow:4px 4px  
4px 4px #84F5BA; box-shadow:4px 4px 4px  
4px #84F5BA }
```

Background

The CSS property to change the background color of an element to Hex 84F5BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84F5BA }
```

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

```
.background{ background-color:#84F5BA }
```

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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