

# Converting Colors

Hex(81F5AC)

Have a look what the booklet for  
Hex(81F5AC) contains.

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**Color**

**Hex(81F5AC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	81F5AC
RGB	129, 245, 172
RGB Percent	51%, 96%, 67%
CMY	0.4941, 0.0392, 0.3255
CMYK	0.47, 0.00, 0.30, 0.04
HSL	142°, 85%, 73%
HSV	142°, 47%, 96%
XYZ	49.1521, 72.9505, 50.5200
YIQ	201.9940, -45.7030, -47.2950

# Conversions

## Conversions Part 2

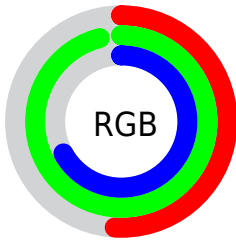
Format	Color
<a href="#">RYB</a>	<a href="#">129, 214, 245</a>
Decimal	<a href="#">8517036</a>
CIELab	<a href="#">88.42, -48.77, 25.21</a>
CIELCh	<a href="#">88, 54.901, 152.667</a>
Yxy	<a href="#">72.9505, 0.2847, 0.4226</a>
Android (android.graphics.Color)	<a href="#">4286707116</a> ( <a href="#">0xFF81F5AC</a> )
YUV	<a href="#">201.9940, -14.7870, -64.0157</a>
Hunter-Lab	<a href="#">85.4111, -46.7468, 24.7182</a>

# Details

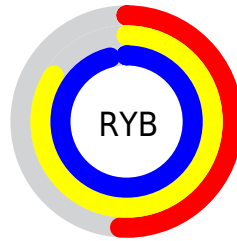
The Hex color **81F5AC** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **F581CA**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **BBFFE4**, and **45BC77** is the 20% darker color. If you saturate the color by 10%, you get **69F59D**, and if you desaturate by 10%, it is **9AF5BB**.

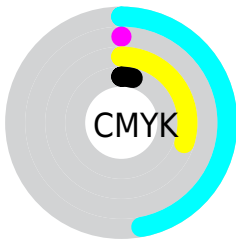
# Distribution



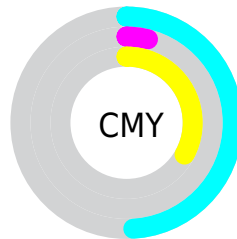
- Red (51%)
- Green (96%)
- Blue (67%)



- Red (51%)
- Yellow (84%)
- Blue (96%)



- Cyan (47%)
- Magenta (0%)
- Yellow (30%)
- Black (4%)



- Cyan (49%)
- Magenta (4%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 81F5AC 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 81F5AC by changing the saturation by 10% instead.



 81F5AC

FFFFFF

 BBFFE4

 D9FFFF

 F7FFFF

 81F5AC

 64D891

 45BC77

 22A05E

 008646

 006B2F

 005218

 003A00

 002400

 000000

 81F5AC

 81F5AC

 69F59D

 9AF5BB

 50F58D

 B2F5CB

 37F57E

 CBF5DA

 1FF56E

 E3F5EA

 06F55F

 FCF5F9

 00F55B

 FFF5FF

# Harmonies

## Analogous

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



C3EB83



81F5AC



00F9E1

# Triad

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



81F5AC



91E2FF



FFB9A8

# Complementary

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



81F5AC



F581CA

# 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.



FFB3DB



81F5AC



E9CEFF

# Square

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



81F5AC



00F0FF



FFBCFF



FFCA82

# Rectangle

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



81F5AC



00F9FF



FFBCFF



FFB6B8

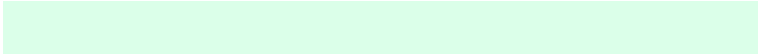


# Sweetspot

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



81F5AC



DBFFE9



CAF581



6A8072



000000



808080



# Same Dimension

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



81F5AC



6EFA4



81F5E6



6E7A73



00BA45



003B16



# Inverse Universe

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



F581CA



FF6EC9



F58190



7A6E76



BA0075

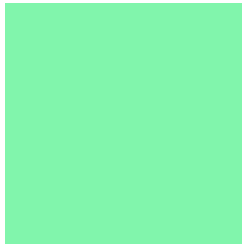


3B0025



# Previews

## White Background



This preview shows how the Hex color 81F5AC 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 81F5AC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

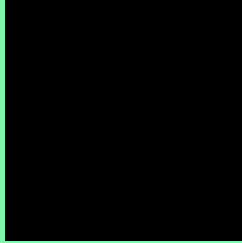
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 81F5AC Background



This preview shows how black text looks on a background with the Hex color 81F5AC.

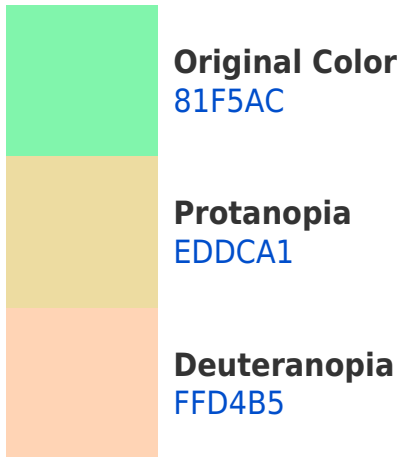


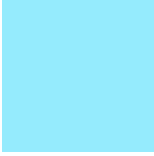
This preview shows how white text looks on a background with the Hex color 81F5AC.

# 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](#).

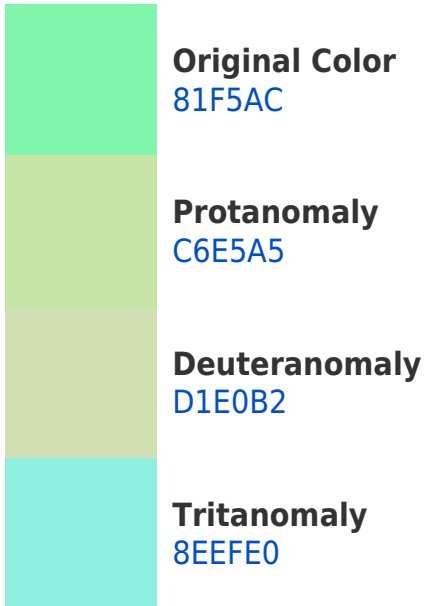
## Dichromacy



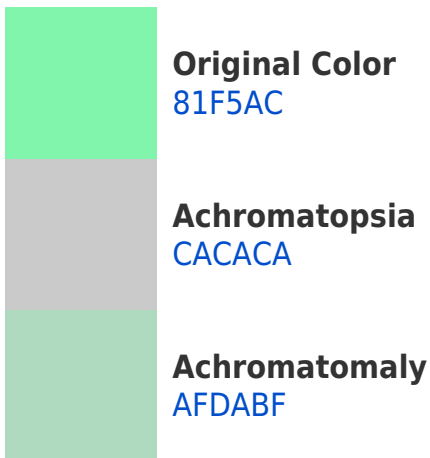


**Tritanopia**  
95EBFD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 81F5AC 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 #81F5AC looks like.

```
.text, #text, p{  
    color:#81F5AC  
}
```

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 #81F5AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81F5AC
}
```

## Border

The CSS property to change the border of an element to Hex 81F5AC 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
#81F5AC }
```

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

```
.border{ border-color:#81F5AC }
```

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

Here you see how a box with a 4 pixel #81F5AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81F5AC; -webkit-box-shadow:4px 4px  
4px 4px #81F5AC; box-shadow:4px 4px 4px  
4px #81F5AC }
```

# Background

The CSS property to change the background color of an element to Hex 81F5AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81F5AC }
```

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

```
.background{ background-color:#81F5AC }
```

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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