

Converting Colors

Hex(80F2A8)

Have a look what the booklet for
Hex(80F2A8) contains.

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Color

Hex(80F2A8)

Conversions

Conversions Part 1

Format	Color
Hex	80F2A8
RGB	128, 242, 168
RGB Percent	50%, 95%, 66%
CMY	0.4980, 0.0510, 0.3412
CMYK	0.47, 0.00, 0.31, 0.05
HSL	141°, 81%, 73%
HSV	141°, 47%, 95%
XYZ	47.7221, 70.9206, 48.2196
YIQ	199.4780, -44.1900, -47.1820

Conversions

Conversions Part 2

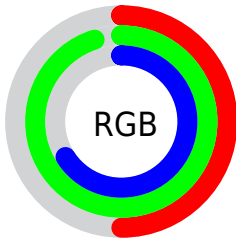
Format	Color
RYB	128, 212, 242
Decimal	8450728
CIELab	87.45, -48.49, 25.91
CIELCh	87, 54.976, 151.882
Yxy	70.9206, 0.2860, 0.4250
Android (android.graphics.Color)	4286640808 (0xFF80F2A8)
YUV	199.4780, -15.5187, -62.6862
Hunter-Lab	84.2144, -46.2238, 25.0017

Details

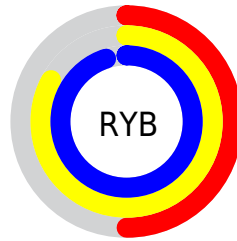
The Hex color **80F2A8** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **F280CA**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **BAFFE0**, and **45B973** is the 20% darker color. If you saturate the color by 10%, you get **68F298**, and if you desaturate by 10%, it is **98F2B8**.

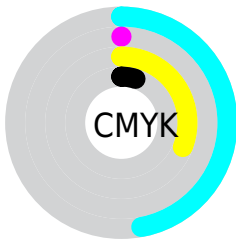
Distribution



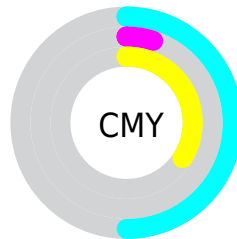
- Red (50%)
- Green (95%)
- Blue (66%)



- Red (50%)
- Yellow (83%)
- Blue (95%)



- Cyan (47%)
- Magenta (0%)
- Yellow (31%)
- Black (5%)



- Cyan (50%)
- Magenta (5%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80F2A8 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 80F2A8 by changing the saturation by 10% instead.

 80F2A8

 80F2A8

FFFFFF

 63D58D

 BAFFE0

 45B973

 D7FFFC

 219E5A

 F5FFFF

 008342

 00692B

 005015

 003700

 002100

 000000

 80F2A8

 80F2A8

 68F298

 98F2B8

 50F289

 B0F2C7

 37F279

 C9F2D7

 1FF269

 E1F2E7

 07F259

 F9F2F7

 00F255

 FFF2FF

Harmonies

Analogous

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



C2E880



80F2A8



00F6DD

Triad

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



80F2A8



8BDFFF



FFB6A7

Complementary

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



80F2A8



F280CA

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.



FFB0DA



80F2A8



E4CCFF

Square

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



80F2A8



00EDFF



FFBAFF



FFC780

Rectangle

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



80F2A8



00F6FF



FFBAFF



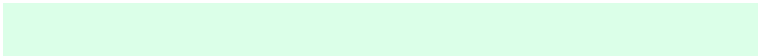
FFB3B7

Sweetspot

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



80F2A8



DBFFE8



CAF280



6A8071



000000



808080

Same Dimension

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



80F2A8



6EFAA1



80F2E1



6C7870



00B840



003814

Inverse Universe

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



F280CA



FF6ECC



F28091



786C74



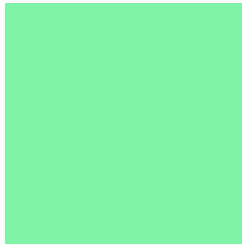
B80077



380024

Previews

White Background



This preview shows how the Hex color 80F2A8 looks on a white background.

Color Contrast Check

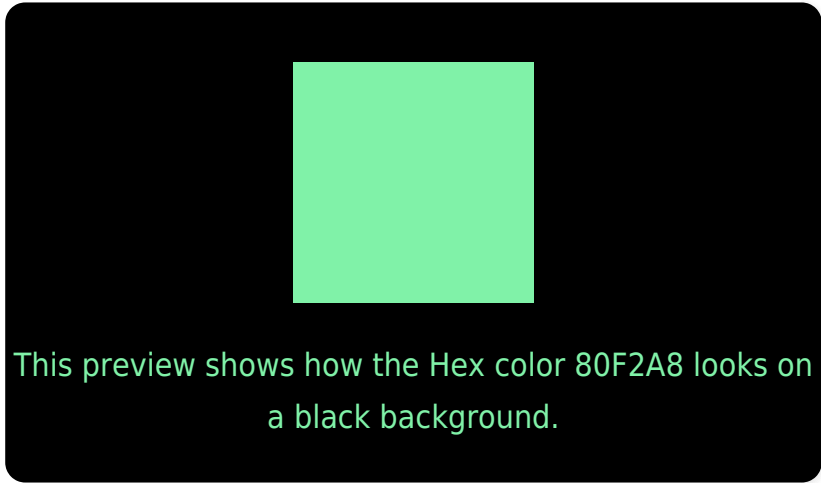
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

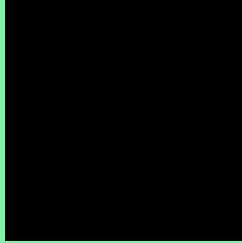
Any Text WCAG AA ✓ Pass

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 80F2A8 Background



This preview shows how black text looks on a background with the Hex color 80F2A8.

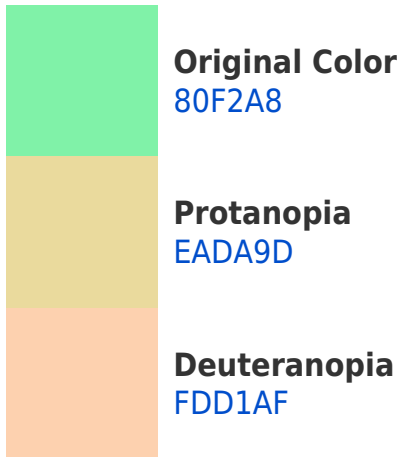


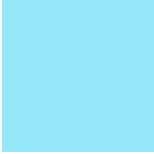
This preview shows how white text looks on a background with the Hex color 80F2A8.

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
94E8FA

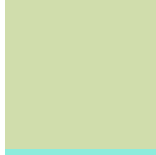
Trichromacy



Original Color
80F2A8



Protanomaly
C3E3A1



Deuteranomaly
D0DDAC



Tritanomaly
8DECDC

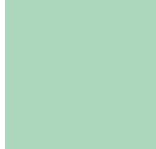
Monochromacy



Original Color
80F2A8



Achromatopsia
C7C7C7



Achromatomaly
ADD7BC

CSS Examples

Text

The CSS property to change the color of the text to Hex 80F2A8 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 #80F2A8 looks like.

```
.text, #text, p{  
    color:#80F2A8  
}
```

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 #80F2A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80F2A8  
}
```

Border

The CSS property to change the border of an element to Hex 80F2A8 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  
#80F2A8 }
```

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

```
.border{ border-color:#80F2A8 }
```

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

Here you see how a box with a 4 pixel #80F2A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80F2A8; -webkit-box-shadow:4px 4px  
4px 4px #80F2A8; box-shadow:4px 4px 4px  
4px #80F2A8 }
```

Background

The CSS property to change the background color of an element to Hex 80F2A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80F2A8 }
```

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

```
.background{ background-color:#80F2A8 }
```

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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