

Converting Colors

Hex(86F2B8)

Have a look what the booklet for
Hex(86F2B8) contains.

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Color

Hex(86F2B8)

Conversions

Conversions Part 1

Format	Color
Hex	86F2B8
RGB	134, 242, 184
RGB Percent	53%, 95%, 72%
CMY	0.4745, 0.0510, 0.2784
CMYK	0.45, 0.00, 0.24, 0.05
HSL	148°, 81%, 74%
HSV	148°, 45%, 95%
XYZ	50.2354, 72.0333, 56.6035
YIQ	203.0960, -45.7500, -40.9340

Conversions

Conversions Part 2

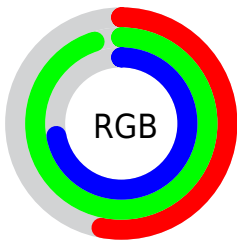
Format	Color
RYB	134, 208, 242
Decimal	8843960
CIELab	87.98, -43.95, 18.47
CIELCh	88, 47.673, 157.206
Yxy	72.0333, 0.2808, 0.4027
Android (android.graphics.Color)	4287034040 (0xFF86F2B8)
YUV	203.0960, -9.4143, -60.5972
Hunter-Lab	84.8724, -42.8739, 19.8687

Details

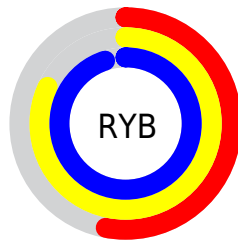
The Hex color **86F2B8** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **F286C0**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **C0FFF0**, and **4CB983** is the 20% darker color. If you saturate the color by 10%, you get **6EF2AB**, and if you desaturate by 10%, it is **9EF2C5**.

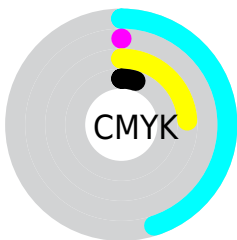
Distribution



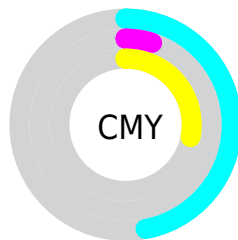
- Red (53%)
- Green (95%)
- Blue (72%)



- Red (53%)
- Yellow (82%)
- Blue (95%)



- Cyan (45%)
- Magenta (0%)
- Yellow (24%)
- Black (5%)



- Cyan (47%)
- Magenta (5%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86F2B8 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 86F2B8 by changing the saturation by 10% instead.

 86F2B8

 86F2B8

FFFFFF

 69D59D

 C0FFF0

 4CB983

 DDFFFF

 2C9E69

 FBFFFF

 008351

 00693A

 005024

 00380F

 002300

 000000

 86F2B8

 86F2B8

 6EF2AB

 9EF2C5

 56F29E

 B6F2D2

 3DF291

 CFF2DF

 25F284

 E7F2EC

 0DF277

 FFF2F9

 00F270

 FFF2FF

Harmonies

Analogous

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



BFEA93



86F2B8



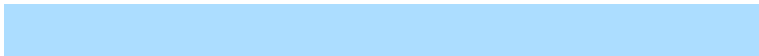
3FF5E6

Triad

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



86F2B8



ACDDFF



FFBFA8

Complementary

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



86F2B8



F286C0

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.



FFB9D3



86F2B8



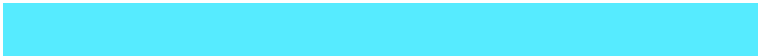
F0CDFF

Square

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



86F2B8



56EBFF



FFBEFF



FFCE8A

Rectangle

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



86F2B8



00F4FF



FFBEFF



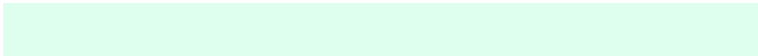
FFBCB6

Sweetspot

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



86F2B8



DEFFED



C1F286



6B8075



000000



808080

Same Dimension

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



86F2B8



75FFB5



86F2ED



6C7871



00B855



00381A

Inverse Universe

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



F286C0



FF75BF



F2868B



786C72



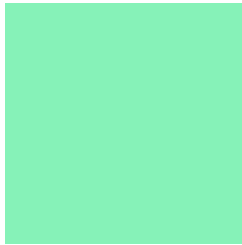
B80063



38001E

Previews

White Background



This preview shows how the Hex color 86F2B8 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

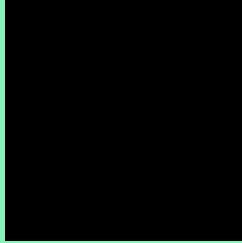
Any Text WCAG AA ✓ Pass

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 86F2B8 Background



This preview shows how black text looks on a background with the Hex color 86F2B8.

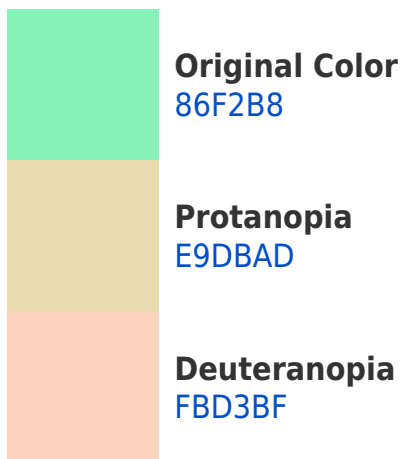


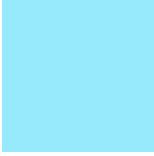
This preview shows how white text looks on a background with the Hex color 86F2B8.

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
97E9FC

Trichromacy



Original Color
86F2B8



Protanomaly
C5E3B1



Deuteranomaly
D0DEBC



Tritanomaly
91ECE3

Monochromacy



Original Color
86F2B8



Achromatopsia
CBCBCB



Achromatomaly
B2D9C4

CSS Examples

Text

The CSS property to change the color of the text to Hex 86F2B8 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 #86F2B8 looks like.

```
.text, #text, p{  
    color:#86F2B8  
}
```

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 #86F2B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86F2B8
}
```

Border

The CSS property to change the border of an element to Hex 86F2B8 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
#86F2B8 }
```

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

```
.border{ border-color:#86F2B8 }
```

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

Here you see how a box with a 4 pixel #86F2B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86F2B8; -webkit-box-shadow:4px 4px  
4px 4px #86F2B8; box-shadow:4px 4px 4px  
4px #86F2B8 }
```

Background

The CSS property to change the background color of an element to Hex 86F2B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86F2B8 }
```

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

```
.background{ background-color:#86F2B8 }
```

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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