

Converting Colors

Hex(86E4C8)

Have a look what the booklet for
Hex(86E4C8) contains.

Hex(86E4C8)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(86E4C8)

Conversions

Conversions Part 1

Format	Color
Hex	86E4C8
RGB	134, 228, 200
RGB Percent	53%, 89%, 78%
CMY	0.4745, 0.1059, 0.2157
CMYK	0.41, 0.00, 0.12, 0.11
HSL	162°, 64%, 71%
HSV	162°, 41%, 89%
XYZ	48.0002, 64.7253, 64.6069
YIQ	196.7020, -47.0360, -28.6360

Conversions

Conversions Part 2

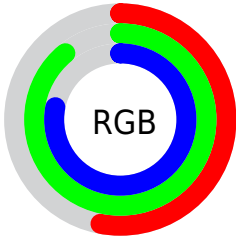
Format	Color
R _Y B	134, 189, 228
Decimal	8840392
CIE Lab	84.34, -34.34, 4.94
CIE LCh	84, 34.689, 171.811
Yxy	64.7253, 0.2707, 0.3650
Android (android.graphics.Color)	4287030472 (0xFF86E4C8)
YUV	196.7020, 1.6259, -54.9897
Hunter-Lab	80.4520, -34.2922, 8.7036

Details

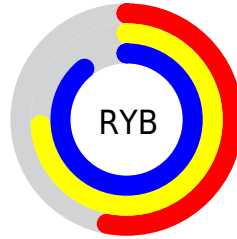
The Hex color **86E4C8** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **E486A2**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **BFFFFFF**, and **4EAC92** is the 20% darker color. If you saturate the color by 10%, you get **6FE4C1**, and if you desaturate by 10%, it is **9DE4CF**.

Distribution



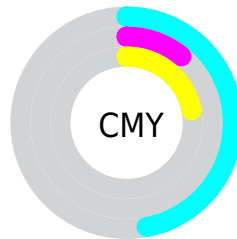
- Red (53%)
- Green (89%)
- Blue (78%)



- Red (53%)
- Yellow (74%)
- Blue (89%)



- Cyan (41%)
- Magenta (0%)
- Yellow (12%)
- Black (11%)



- Cyan (47%)
- Magenta (11%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86E4C8 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 86E4C8 by changing the saturation by 10% instead.

 86E4C8

 86E4C8

FFFFFF

 6AC8AD

 BFFFFFF

 4EAC92

 DCFFFF

 309178

 F9FFFF

 047760

 005E48

 004632

 002E1D

 001803

 000000

 86E4C8

 86E4C8

 6FE4C1

 9DE4CF

 58E4BA

 B4E4D6

 42E4B4

 CAE4DC

 2BE4AD

 E1E4E3

 14E4A6

 F8E4EA

 00E4A0

 FFE4F1

 FFE4F8

 FFE4FE

 FFE4FF

Harmonies

Analogous

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



ABE0A9



86E4C8



6CE4EA

Triad

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



86E4C8



CBCDFF



FFC2A0

Complementary

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



86E4C8



E486A2

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.



FFBBBC



86E4C8



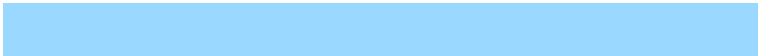
F4C2FB

Square

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



86E4C8



9BD8FF



FFBBDD



F2CD92

Rectangle

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



86E4C8



6CE2FD



FFBBDD



FFBFA8

Sweetspot

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



86E4C8



E0FFF6



A2E486



6E807A



000000



808080

Same Dimension

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



86E4C8



82FFDA



86D1E4



67736F



00B37D



003324

Inverse Universe

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



E486A2



FF82A7



E49986



73676B



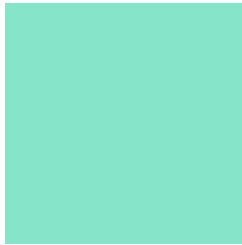
B30035



33000F

Previews

White Background



This preview shows how the Hex color 86E4C8 looks on a white background.

Color Contrast Check

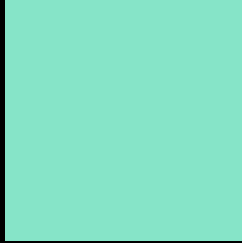
Large Text (above 18pt) WCAG AA × Fail

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 86E4C8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

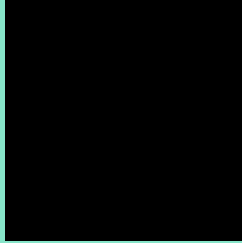
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

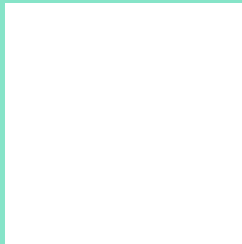
Any Text WCAG AAA ✓ Pass

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

Hex 86E4C8 Background



This preview shows how black text looks on a background with the Hex color 86E4C8.

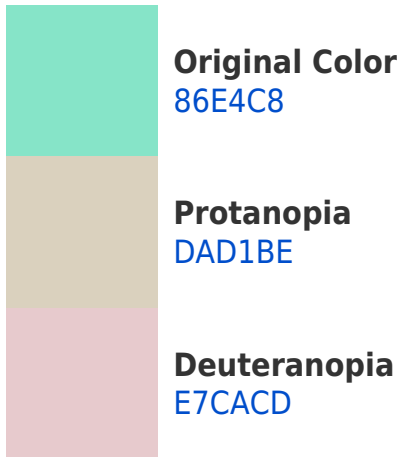


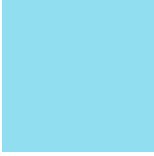
This preview shows how white text looks on a background with the Hex color 86E4C8.

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
90DEF0

Trichromacy



Original Color
86E4C8



Protanomaly
BBD8C2



Deuteranomaly
C4D3CB

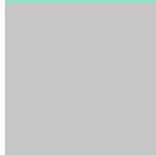


Tritanomaly
8CE0E1

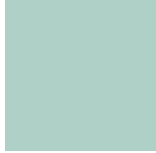
Monochromacy



Original Color
86E4C8



Achromatopsia
C5C5C5



Achromatomaly
AED0C6

CSS Examples

Text

The CSS property to change the color of the text to Hex 86E4C8 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 #86E4C8 looks like.

```
.text, #text, p{  
    color:#86E4C8  
}
```

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 #86E4C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86E4C8  
}
```

Border

The CSS property to change the border of an element to Hex 86E4C8 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  
#86E4C8 }
```

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

```
.border{ border-color:#86E4C8 }
```

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

Here you see how a box with a 4 pixel #86E4C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86E4C8; -webkit-box-shadow:4px 4px  
4px 4px #86E4C8; box-shadow:4px 4px 4px  
4px #86E4C8 }
```

Background

The CSS property to change the background color of an element to Hex 86E4C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86E4C8 }
```

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

```
.background{ background-color:#86E4C8 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor