

Converting Colors

Hex(84E6C2)

Have a look what the booklet for
Hex(84E6C2) contains.

Hex(84E6C2)	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(84E6C2)

Conversions

Conversions Part 1

Format	Color
Hex	84E6C2
RGB	132, 230, 194
RGB Percent	52%, 90%, 76%
CMY	0.4824, 0.0980, 0.2392
CMYK	0.43, 0.00, 0.16, 0.10
HSL	158°, 66%, 71%
HSV	158°, 43%, 90%
XYZ	47.5501, 65.3942, 61.1551
YIQ	196.5940, -46.8520, -31.9720

Conversions

Conversions Part 2

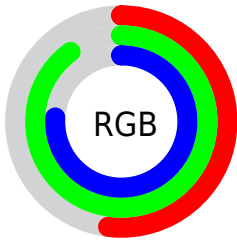
Format	Color
RYB	132, 192, 230
Decimal	8709826
CIELab	84.69, -37.07, 8.58
CIELCh	85, 38.050, 166.963
Yxy	65.3942, 0.2731, 0.3756
Android (android.graphics.Color)	4286899906 (0xFF84E6C2)
YUV	196.5940, -1.2788, -56.6489
Hunter-Lab	80.8667, -36.5575, 11.7688

Details

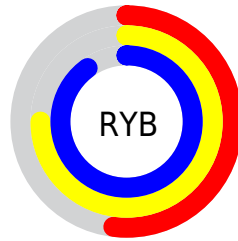
The Hex color **84E6C2** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **E684A8**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **BDFFFA**, and **4BAE8C** is the 20% darker color. If you saturate the color by 10%, you get **6DE6BA**, and if you desaturate by 10%, it is **9BE6CA**.

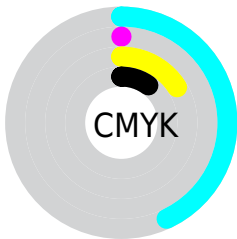
Distribution



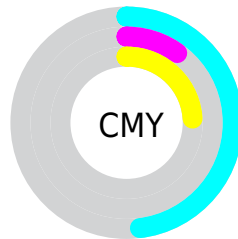
- Red (52%)
- Green (90%)
- Blue (76%)



- Red (52%)
- Yellow (75%)
- Blue (90%)



- Cyan (43%)
- Magenta (0%)
- Yellow (16%)
- Black (10%)



- Cyan (48%)
- Magenta (10%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84E6C2 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 84E6C2 by changing the saturation by 10% instead.

 84E6C2

FFFFFF

 BDFFFA

 DAFFFF

 F8FFFF

 84E6C2

 68CAA7

 4BAE8C

 2D9373

 00795A

 005F43

 00472D

 003018

 001900

 000000

 84E6C2

 84E6C2

 6DE6BA

 9BE6CA

 56E6B1


 B2E6D3

 3FE6A9

 C9E6DB

 28E6A0

 E0E6E4

 11E698

 F7E6EC

 00E692

 FFE6F5

 FFE6FD

 FFE6FF

Harmonies

Analogous

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



AFE1A1



84E6C2



60E7E7

Triad

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



84E6C2



C2D0FF



FFC0A0

Complementary

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



84E6C2



E684A8

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.



FFB9C0



84E6C2



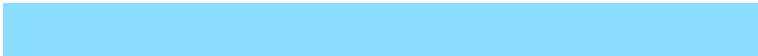
F1C3FF

Square

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



84E6C2



8BDCFF



FFBAE5



FACC8E

Rectangle

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



84E6C2



59E5FD



FFBAE5



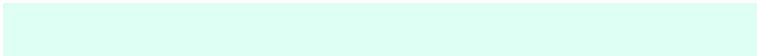
FFBDAA

Sweetspot

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



84E6C2



DEFFF3



AAE684



6B8078



000000



808080

Same Dimension

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



84E6C2



7DFFCF



84DBE6



67736F



00B371



003320

Inverse Universe

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



E684A8



FF7DAD



E68F84



73676B



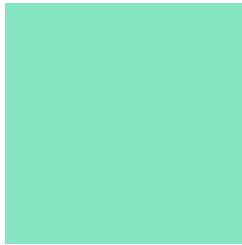
B30042



330013

Previews

White Background



This preview shows how the Hex color 84E6C2 looks on a white background.

Color Contrast Check

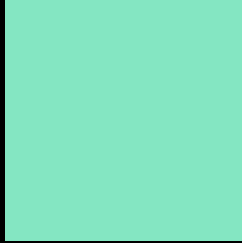
Large Text (above 18pt) WCAG AA × Fail

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 84E6C2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

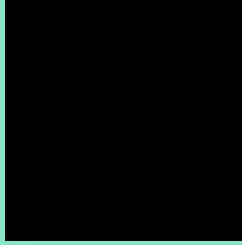
Any Text WCAG AA ✓ Pass

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 84E6C2 Background



This preview shows how black text looks on a background with the Hex color 84E6C2.

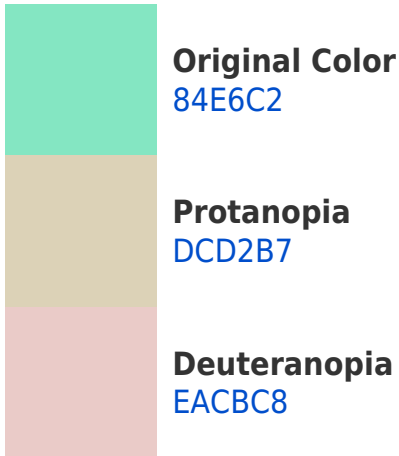


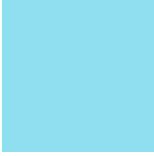
This preview shows how white text looks on a background with the Hex color 84E6C2.

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



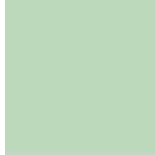


Tritanopia
90DFF1

Trichromacy



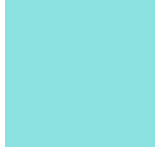
Original Color
84E6C2



Protanomaly
BCD9BB



Deuteranomaly
C5D5C6

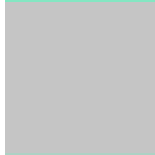


Tritanomaly
8CE2E0

Monochromacy



Original Color
84E6C2



Achromatopsia
C5C5C5



Achromatomaly
ADD1C4

CSS Examples

Text

The CSS property to change the color of the text to Hex 84E6C2 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 #84E6C2 looks like.

```
.text, #text, p{  
    color:#84E6C2  
}
```

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 #84E6C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84E6C2
}
```

Border

The CSS property to change the border of an element to Hex 84E6C2 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
#84E6C2 }
```

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

```
.border{ border-color:#84E6C2 }
```

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

Here you see how a box with a 4 pixel #84E6C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84E6C2; -webkit-box-shadow:4px 4px  
4px 4px #84E6C2; box-shadow:4px 4px 4px  
4px #84E6C2 }
```

Background

The CSS property to change the background color of an element to Hex 84E6C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84E6C2 }
```

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

```
.background{ background-color:#84E6C2 }
```

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