

Converting Colors

Hex(84E2C7)

Have a look what the booklet for
Hex(84E2C7) contains.

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Color

Hex(84E2C7)

Conversions

Conversions Part 1

Format	Color
Hex	84E2C7
RGB	132, 226, 199
RGB Percent	52%, 89%, 78%
CMY	0.4824, 0.1137, 0.2196
CMYK	0.42, 0.00, 0.12, 0.11
HSL	163°, 62%, 70%
HSV	163°, 42%, 89%
XYZ	47.0209, 63.4218, 63.7962
YIQ	194.8160, -47.3570, -28.3250

Conversions

Conversions Part 2

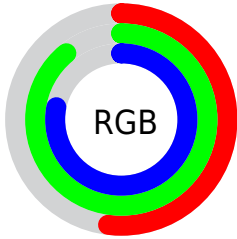
Format	Color
RYB	132, 187, 226
Decimal	8708807
CIELab	83.66, -34.14, 4.48
CIElCh	84, 34.432, 172.527
Yxy	63.4218, 0.2699, 0.3640
Android (android.graphics.Color)	4286898887 (0xFF84E2C7)
YUV	194.8160, 2.0627, -55.0896
Hunter-Lab	79.6378, -33.9736, 8.2504

Details

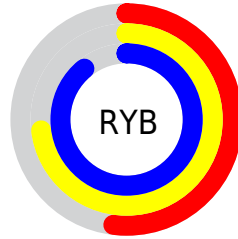
The Hex color **84E2C7** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **E2849F**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **BDFFFF**, and **4CAA91** is the 20% darker color. If you saturate the color by 10%, you get **6DE2C1**, and if you desaturate by 10%, it is **9BE2CD**.

Distribution



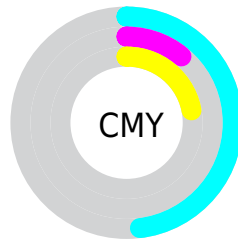
- Red (52%)
- Green (89%)
- Blue (78%)



- Red (52%)
- Yellow (73%)
- Blue (89%)



- Cyan (42%)
- Magenta (0%)
- Yellow (12%)
- Black (11%)



- Cyan (48%)
- Magenta (11%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84E2C7 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 84E2C7 by changing the saturation by 10% instead.

 84E2C7

 84E2C7

FFFFFF

 68C6AC

 BDFFFF

 4CAA91

 DAFFFF

 2D8F78

 F7FFFF

 00755F

 005C47

 004431

 002D1C

 001502

 000000

 84E2C7

 84E2C7

 6DE2C1

 9BE2CD

 57E2BA

 B1E2D4

 40E2B4

 C8E2DA

 2AE2AD

 DEE2E1

 13E2A7

 F5E2E7

 00E2A1

 FFE2EE

 FFE2F4

 FFE2FB

 FFE2FF

Harmonies

Analogous

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



A9DEA8



84E2C7



6BE2E8

Triad

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



84E2C7



CACBFF



FFC19E

Complementary

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



84E2C7



E2849F

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.



FFBAB9



84E2C7



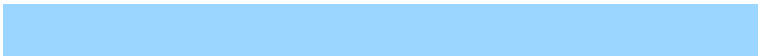
F2C0F8

Square

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



84E2C7



9AD6FF



FFB9DA



EFCC90

Rectangle

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



84E2C7



6BE0FB



FFB9DA



FFBEA6

Sweetspot

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



84E2C7



E0FFF6



A0E284



6E807A



000000



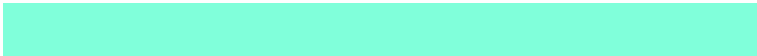
808080

Same Dimension

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



84E2C7



80FFDA



84CFE2



65706D



00B07D



003023

Inverse Universe

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



E2849F



FF80A4



E29784



706568



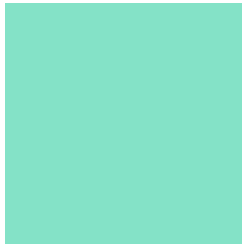
B00033



30000E

Previews

White Background



This preview shows how the Hex color 84E2C7 looks on a white background.

Color Contrast Check

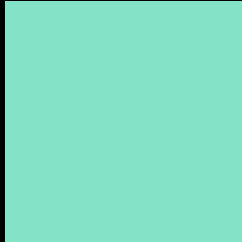
Large Text (above 18pt) WCAG AA × Fail

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 84E2C7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

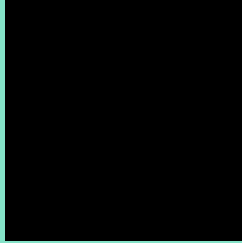
Any Text WCAG AA ✓ Pass

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 84E2C7 Background



This preview shows how black text looks on a background with the Hex color 84E2C7.

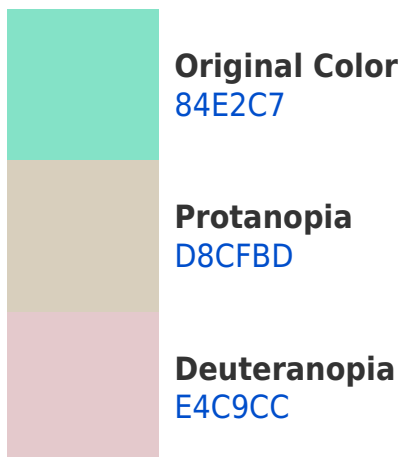


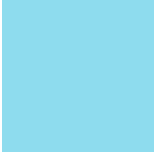
This preview shows how white text looks on a background with the Hex color 84E2C7.

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](#).

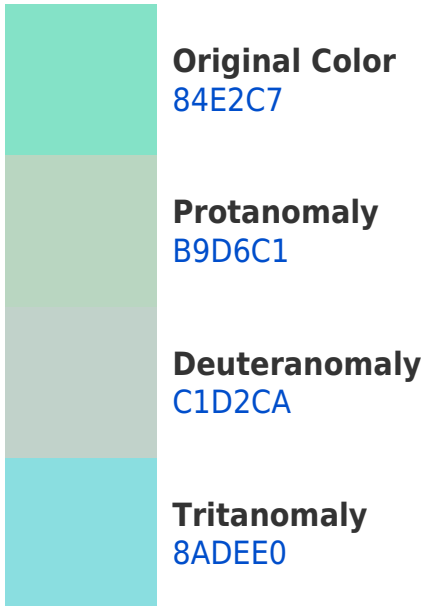
Dichromacy



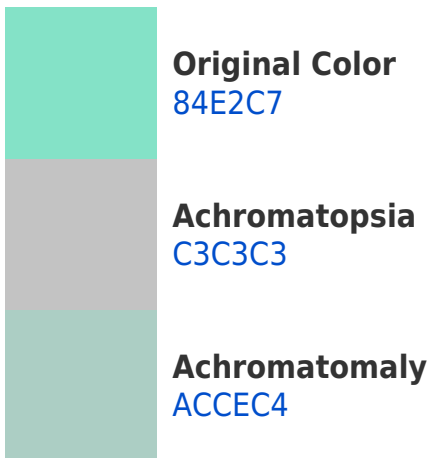


Tritanopia
8EDCEE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 84E2C7 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 #84E2C7 looks like.

```
.text, #text, p{  
    color:#84E2C7  
}
```

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 #84E2C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84E2C7
}
```

Border

The CSS property to change the border of an element to Hex 84E2C7 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
#84E2C7 }
```

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

```
.border{ border-color:#84E2C7 }
```

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

Here you see how a box with a 4 pixel #84E2C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84E2C7; -webkit-box-shadow:4px 4px  
4px 4px #84E2C7; box-shadow:4px 4px 4px  
4px #84E2C7 }
```

Background

The CSS property to change the background color of an element to Hex 84E2C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84E2C7 }
```

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

```
.background{ background-color:#84E2C7 }
```

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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