

Converting Colors

Hex(84E1B7)

Have a look what the booklet for
Hex(84E1B7) contains.

Hex(84E1B7)	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(84E1B7)

Conversions

Conversions Part 1

Format	Color
Hex	84E1B7
RGB	132, 225, 183
RGB Percent	52%, 88%, 72%
CMY	0.4824, 0.1176, 0.2824
CMYK	0.41, 0.00, 0.19, 0.12
HSL	153°, 61%, 70%
HSV	153°, 41%, 88%
XYZ	44.9882, 62.1749, 54.4296
YIQ	192.4050, -41.9460, -32.7780

Conversions

Conversions Part 2

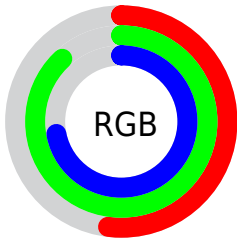
Format	Color
RYB	132, 192, 225
Decimal	8708535
CIELab	83.01, -37.09, 11.97
CIElCh	83, 38.972, 162.110
Yxy	62.1749, 0.2784, 0.3848
Android (android.graphics.Color)	4286898615 (0xFF84E1B7)
YUV	192.4050, -4.6367, -52.9752
Hunter-Lab	78.8510, -36.1468, 14.2688

Details

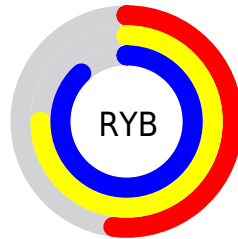
The Hex color **84E1B7** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **E184AE**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **BDFFEF**, and **4CA982** is the 20% darker color. If you saturate the color by 10%, you get **6EE1AD**, and if you desaturate by 10%, it is **9BE1C1**.

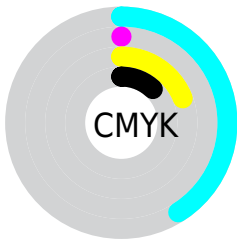
Distribution



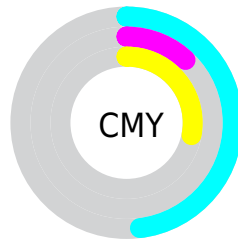
- Red (52%)
- Green (88%)
- Blue (72%)



- Red (52%)
- Yellow (75%)
- Blue (88%)



- Cyan (41%)
- Magenta (0%)
- Yellow (19%)
- Black (12%)



- Cyan (48%)
- Magenta (12%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84E1B7 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 84E1B7 by changing the saturation by 10% instead.

 84E1B7

 84E1B7

FFFFFF

 68C59C

 BDFFEF

 4CA982

 D9FFFF

 2F8E69

 F7FFFF

 047451

 005B3A

 004324

 002C0F

 001200

 000000

 84E1B7

 84E1B7

 6EE1AD

 9BE1C1

 57E1A3

 B1E1CB

 41E199

 C8E1D5

 2AE18E

 DEE1E0

 14E184

 F4E1EA

 00E17B

 FFE1F4

 FFE1FE

 FFE1FF

Harmonies

Analogous

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



B0DB97



84E1B7



5AE3DD

Triad

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



84E1B7



B4CDFE



FFB99F

Complementary

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



84E1B7



E184AE

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.



FFB3C1



84E1B7



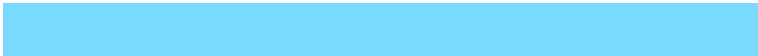
E6C0FF

Square

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



84E1B7



7AD9FF



FFB6E6



FBC589

Rectangle

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



84E1B7



4CE1F4



FFB6E6



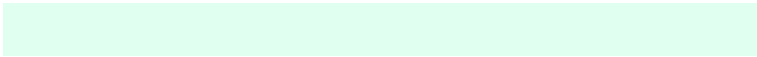
FFB6AA

Sweetspot

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



84E1B7



E0FFF1



AFE184



6E8077



000000



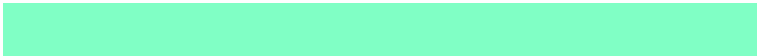
808080

Same Dimension

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



84E1B7



80FFC5



84DEE1



65706B



00B060



00301B

Inverse Universe

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



E184AE



FF80B9



E18784



70656A



B0004F



300016

Previews

White Background



This preview shows how the Hex color 84E1B7 looks on a white background.

Color Contrast Check

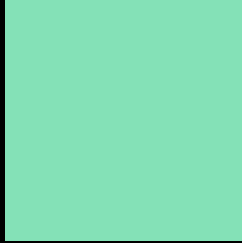
Large Text (above 18pt) WCAG AA × Fail

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 84E1B7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

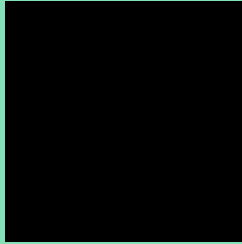
Any Text WCAG AA ✓ Pass

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 84E1B7 Background



This preview shows how black text looks on a background with the Hex color 84E1B7.

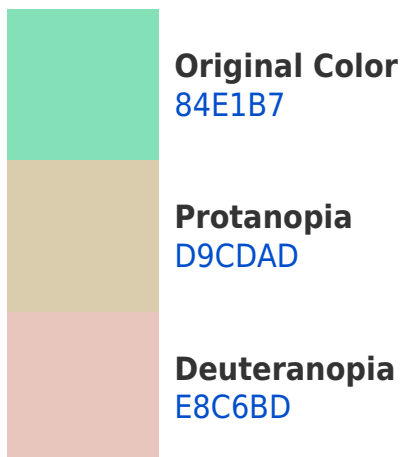


This preview shows how white text looks on a background with the Hex color 84E1B7.

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](#).

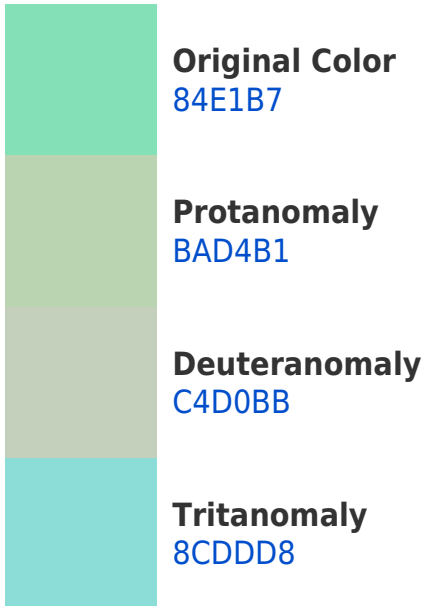
Dichromacy



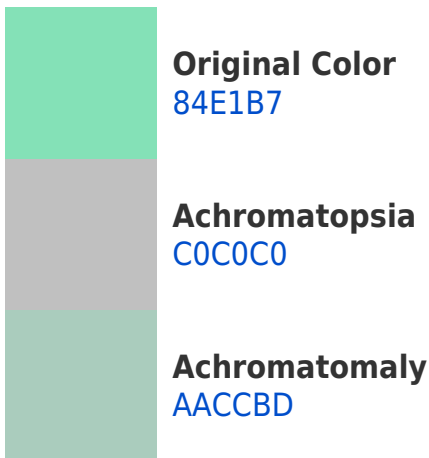


Tritanopia
91DAEB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 84E1B7 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 #84E1B7 looks like.

```
.text, #text, p{  
    color:#84E1B7  
}
```

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 #84E1B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84E1B7
}
```

Border

The CSS property to change the border of an element to Hex 84E1B7 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
#84E1B7 }
```

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

```
.border{ border-color:#84E1B7 }
```

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

Here you see how a box with a 4 pixel #84E1B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84E1B7; -webkit-box-shadow:4px 4px  
4px 4px #84E1B7; box-shadow:4px 4px 4px  
4px #84E1B7 }
```

Background

The CSS property to change the background color of an element to Hex 84E1B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84E1B7 }
```

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

```
.background{ background-color:#84E1B7 }
```

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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