

Converting Colors

Hex(84BEB7)

Have a look what the booklet for
Hex(84BEB7) contains.

Hex(84BEB7)	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(84BEB7)

Conversions

Conversions Part 1

Format	Color
Hex	84BEB7
RGB	132, 190, 183
RGB Percent	52%, 75%, 72%
CMY	0.4824, 0.2549, 0.2824
CMYK	0.31, 0.00, 0.04, 0.25
HSL	173°, 31%, 63%
HSV	173°, 31%, 75%
XYZ	36.4764, 45.1513, 51.5923
YIQ	171.8600, -32.3210, -14.4730

Conversions

Conversions Part 2

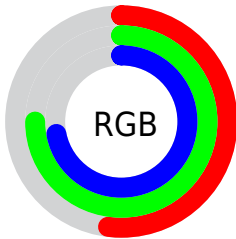
Format	Color
RYB	132, 163, 190
Decimal	8699575
CIELab	72.99, -20.23, -2.49
CIELCh	73, 20.384, 187.010
Yxy	45.1513, 0.2738, 0.3389
Android (android.graphics.Color)	4286889655 (0xFF84BEB7)
YUV	171.8600, 5.4920, -34.9572
Hunter-Lab	67.1947, -20.6928, 1.5133

Details

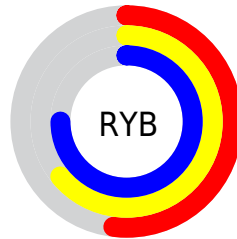
The Hex color **84BEB7** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **BE848B**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **BBF6EF**, and **508882** is the 20% darker color. If you saturate the color by 10%, you get **71BEB5**, and if you desaturate by 10%, it is **97BEB9**.

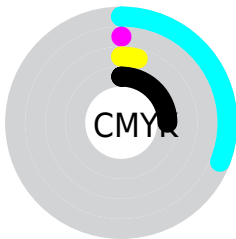
Distribution



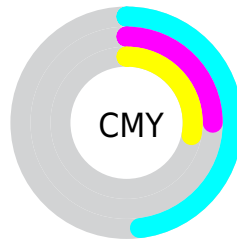
- Red (52%)
- Green (75%)
- Blue (72%)



- Red (52%)
- Yellow (64%)
- Blue (75%)



- Cyan (31%)
- Magenta (0%)
- Yellow (4%)
- Black (25%)



- Cyan (48%)
- Magenta (25%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84BEB7 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 84BEB7 by changing the saturation by 10% instead.



84BEB7



84BEB7

FFFFFF



6AA39C



BBF6EF



508882



D7FFFF



366F69



F4FFFF



1B5651



003F3A



002825



00130F




000000



84BEB7



84BEB7

 71BEB5

 97BEB9

 5EBEB2

 AABEBC

 4BBEB0

 BDBEBE

 38BEAE

 D0BEC0

 25BEAC

 E3BEC2

 12BEA9

 F6BEC5

 00BEA7

 FFBE C7

 FFBE C9

 FFBE CC

Harmonies

Analogous

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



93BDA4



84BEB7



81BDC9

Triad

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



84BEB7



BCADD1



CEAD91

Complementary

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



84BEB7



BE848B

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.



D9A89E



84BEB7



CFA8C2

Square

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



84BEB7



A3B3D8



D9A6AF



BDB38E

Rectangle

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



84BEB7



87BBD2



D9A6AF



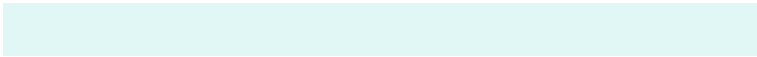
D3AB95

Sweetspot

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



84BEB7



E1F7F5



8CBE84



6F7D7B



FCFCFC



7D7D7D

Same Dimension

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



84BEB7



9CF7EC



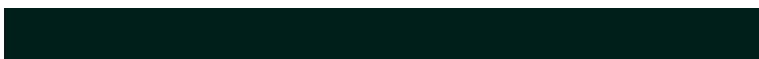
84A9BE



555E5D



009E8B



001F1B

Inverse Universe

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



BE848B



F79CA7



BE9984



5E5556



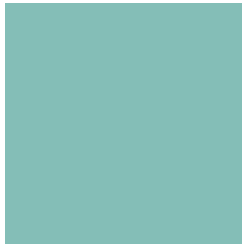
9E0013



1F0004

Previews

White Background



This preview shows how the Hex color 84BEB7 looks on a white background.

Color Contrast Check

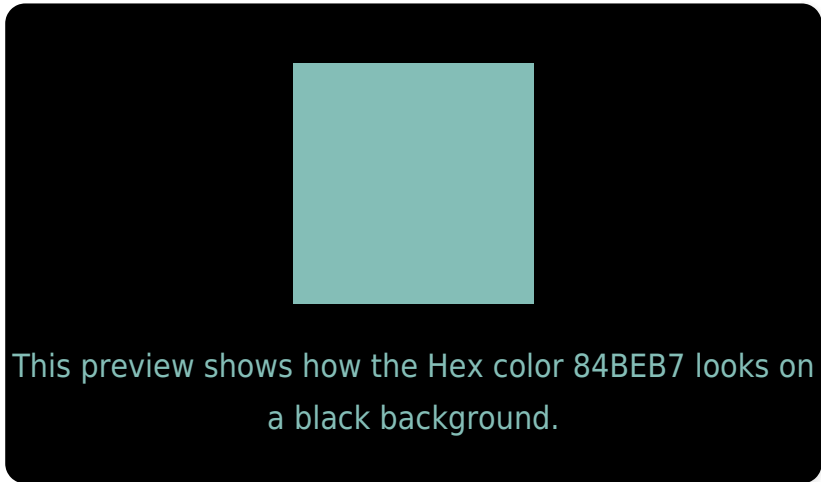
Large Text (above 18pt) WCAG AA × Fail

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

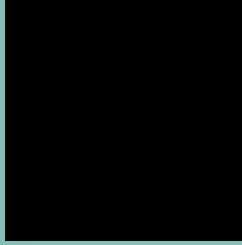
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

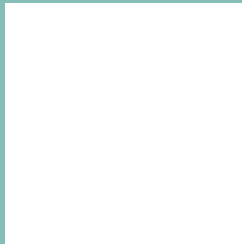
Any Text WCAG AAA ✓ Pass

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

Hex 84BEB7 Background



This preview shows how black text looks on a background with the Hex color 84BEB7.

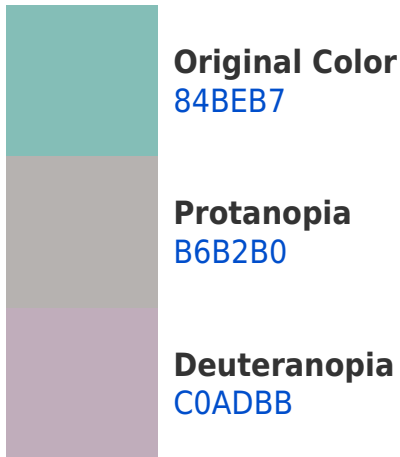


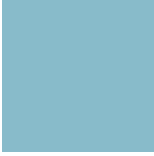
This preview shows how white text looks on a background with the Hex color 84BEB7.

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](#).

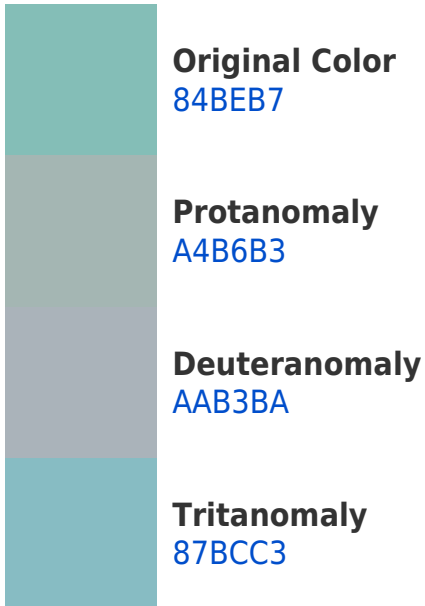
Dichromacy



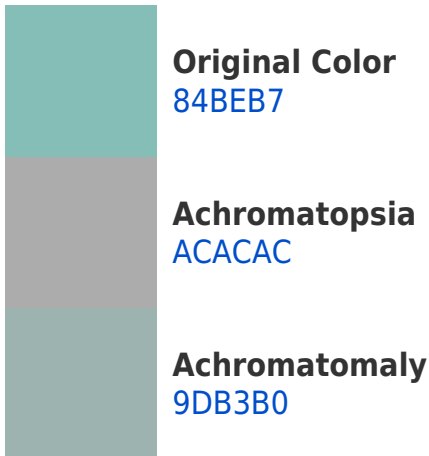


Tritanopia
88BBCA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 84BEB7 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 #84BEB7 looks like.

```
.text, #text, p{  
    color:#84BEB7  
}
```

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 #84BEB7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84BEB7
}
```

Border

The CSS property to change the border of an element to Hex 84BEB7 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
#84BEB7 }
```

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

```
.border{ border-color:#84BEB7 }
```

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

Here you see how a box with a 4 pixel #84BEB7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84BEB7; -webkit-box-shadow:4px 4px  
4px 4px #84BEB7; box-shadow:4px 4px 4px  
4px #84BEB7 }
```

Background

The CSS property to change the background color of an element to Hex 84BEB7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84BEB7 }
```

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

```
.background{ background-color:#84BEB7 }
```

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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