

Converting Colors

Hex(85BA7B)

Have a look what the booklet for
Hex(85BA7B) contains.

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Color

Hex(85BA7B)

Conversions

Conversions Part 1

Format	Color
Hex	85BA7B
RGB	133, 186, 123
RGB Percent	52%, 73%, 48%
CMY	0.4784, 0.2706, 0.5176
CMYK	0.28, 0.00, 0.34, 0.27
HSL	110°, 31%, 61%
HSV	110°, 34%, 73%
XYZ	30.8069, 41.5344, 25.1321
YIQ	162.9710, -11.3650, -30.8290

Conversions

Conversions Part 2

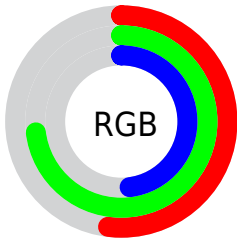
Format	Color
RYB	123, 186, 176
Decimal	8764027
CIELab	70.55, -29.60, 26.54
CIELCh	71, 39.753, 138.119
Yxy	41.5344, 0.3161, 0.4261
Android (android.graphics.Color)	4286954107 (0xFF85BA7B)
YUV	162.9710, -19.7057, -26.2846
Hunter-Lab	64.4472, -27.4564, 21.9920

Details

The Hex color **85BA7B** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **B07BBA**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **BBF2B0**, and **518449** is the 20% darker color. If you saturate the color by 10%, you get **75BA68**, and if you desaturate by 10%, it is **95BA8E**.

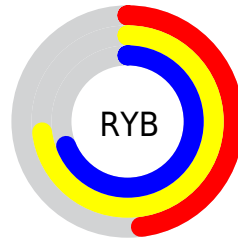
Distribution



Red (52%)

Green (73%)

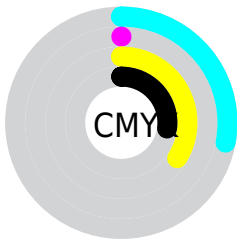
Blue (48%)



Red (48%)

Yellow (73%)

Blue (69%)

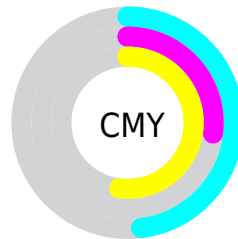


Cyan (28%)

Magenta (0%)

Yellow (34%)

Black (27%)



Cyan (48%)

Magenta (27%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85BA7B 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 85BA7B by changing the saturation by 10% instead.



85BA7B



85BA7B

FFFFFF



6B9F62



BBF2B0



518449



D8FFCC



386B32



F5FFE8



1F521B



013B04



002500



000400



000000



85BA7B



85BA7B

 75BA68

 95BA8E

 66BA56

 A4BAA0

 56BA43

 B4BAB3

 46BA31

 C4BAC5

 37BA1E

 D3BAD8

 27BA0B

 E3BAEB

 1EBA00

 F3BAFD

 FFBAFF

Harmonies

Analogous

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



AEB166



85BA7B



55BF9C

Triad

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



85BA7B



5CB4F3



F39198

Complementary

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



85BA7B



B07BBA

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.



EA92BD



85BA7B



9BA9F1

Square

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



85BA7B



00BCE1



CC9BDD



E99978

Rectangle

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



85BA7B



2CC0B6



CC9BDD



F290A4

Sweetspot

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



85BA7B



DEF2DA



BAB07B



6E7A6C



FAFAFA



7A7A7A

Same Dimension

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



85BA7B



9FF28F



7BBA90



545C53



199C00



041C00

Inverse Universe

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



B07BBA



E28FF2



BA7BA5



5A535C



83009C



18001C

Previews

White Background



This preview shows how the Hex color 85BA7B looks on a white background.

Color Contrast Check

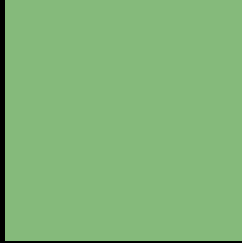
Large Text (above 18pt) WCAG AA × Fail

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 85BA7B 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 85BA7B Background



This preview shows how black text looks on a background with the Hex color 85BA7B.

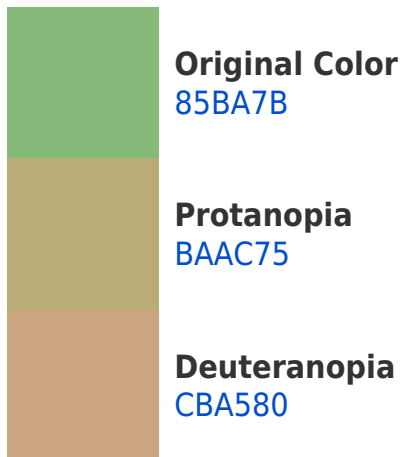


This preview shows how white text looks on a background with the Hex color 85BA7B.

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](#).

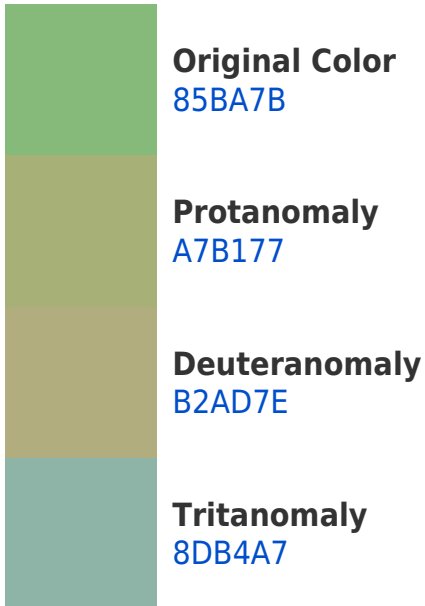
Dichromacy



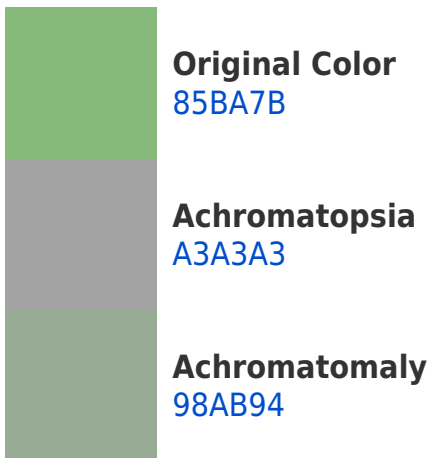


Tritanopia
91B1C0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 85BA7B 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 #85BA7B looks like.

```
.text, #text, p{  
    color:#85BA7B  
}
```

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 #85BA7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85BA7B
}
```

Border

The CSS property to change the border of an element to Hex 85BA7B 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
#85BA7B }
```

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

```
.border{ border-color:#85BA7B }
```

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

Here you see how a box with a 4 pixel #85BA7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85BA7B; -webkit-box-shadow:4px 4px  
4px 4px #85BA7B; box-shadow:4px 4px 4px  
4px #85BA7B }
```

Background

The CSS property to change the background color of an element to Hex 85BA7B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85BA7B }
```

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

```
.background{ background-color:#85BA7B }
```

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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