

Converting Colors

Hex(85BF7A)

Have a look what the booklet for
Hex(85BF7A) contains.

Hex(85BF7A)	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(85BF7A)

Conversions

Conversions Part 1

Format	Color
Hex	85BF7A
RGB	133, 191, 122
RGB Percent	52%, 75%, 48%
CMY	0.4784, 0.2510, 0.5216
CMYK	0.30, 0.00, 0.36, 0.25
HSL	110°, 35%, 61%
HSV	110°, 36%, 75%
XYZ	31.8165, 43.6533, 25.1614
YIQ	165.7920, -12.4190, -33.7550

Conversions

Conversions Part 2

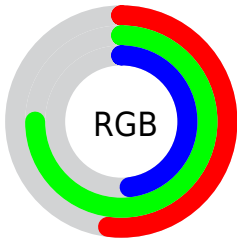
Format	Color
RYB	122, 191, 180
Decimal	8765306
CIELab	72.00, -32.12, 28.99
CIELCh	72, 43.269, 137.940
Yxy	43.6533, 0.3162, 0.4338
Android (android.graphics.Color)	4286955386 (0xFF85BF7A)
YUV	165.7920, -21.5895, -28.7586
Hunter-Lab	66.0706, -29.6664, 23.6703

Details

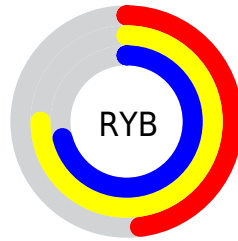
The Hex color **85BF7A** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **B47ABF**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **BCF8AF**, and **518948** is the 20% darker color. If you saturate the color by 10%, you get **75BF67**, and if you desaturate by 10%, it is **95BF8D**.

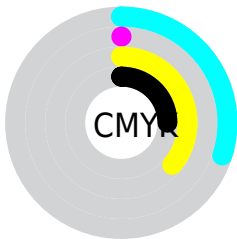
Distribution



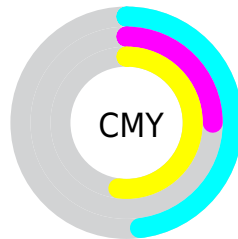
- Red (52%)
- Green (75%)
- Blue (48%)



- Red (48%)
- Yellow (75%)
- Blue (71%)



- Cyan (30%)
- Magenta (0%)
- Yellow (36%)
- Black (25%)



- Cyan (48%)
- Magenta (25%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85BF7A 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 85BF7A by changing the saturation by 10% instead.



85BF7A



85BF7A

FFFFFF



6BA461



BCF8AF



518948



D8FFCB



376F31



F5FFE7



1D571A



003F01



002900



000D00



000000



85BF7A



85BF7A

 75BF67

 95BF8D

 65BF54

 A5BFA0

 55BF41

 B5BFB3

 45BF2E

 C5BFC6

 35BF1B

 D5BFDA

 25BF07

 E5BFED

 1EBF00

 F5BFFF

 FFBFFF

Harmonies

Analogous

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



B2B663



85BF7A



4DC49F

Triad

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



85BF7A



52B9FD



FD929A

Complementary

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



85BF7A



B47ABF

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.



F393C2



85BF7A



9CACFB

Square

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



85BF7A



00C2EA



D29DE6



F29B77

Rectangle

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



85BF7A



04C5BA



D29DE6



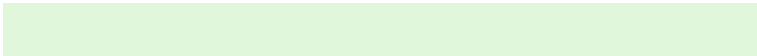
FC91A7

Sweetspot

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



85BF7A



E0F7DC



BFB47A



6F7D6D



FCFCFC



7D7D7D

Same Dimension

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



85BF7A



9EF78D



7ABF91



565E55



199E00



051F00

Inverse Universe

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



B47ABF



E68DF7



BF7AA8



5D555E



85009E



1A001F

Previews

White Background



This preview shows how the Hex color 85BF7A looks on a white background.

Color Contrast Check

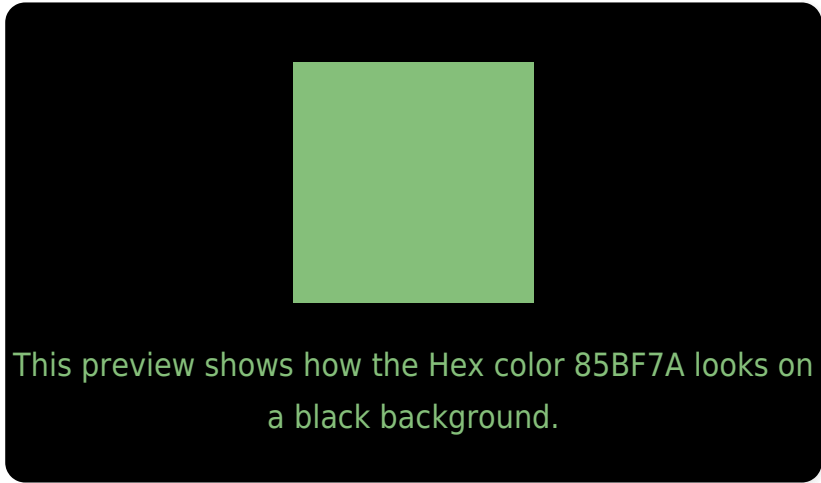
Large Text (above 18pt) WCAG AA × Fail

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

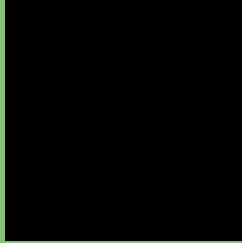
Any Text WCAG AA ✓ Pass

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 85BF7A Background



This preview shows how black text looks on a background with the Hex color 85BF7A.

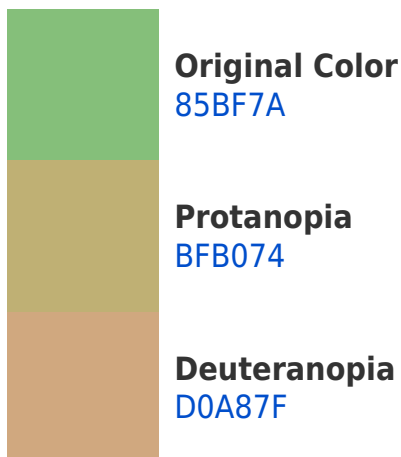


This preview shows how white text looks on a background with the Hex color 85BF7A.

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](#).

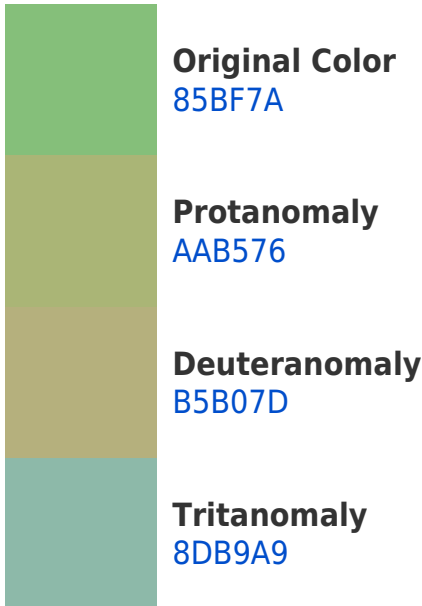
Dichromacy



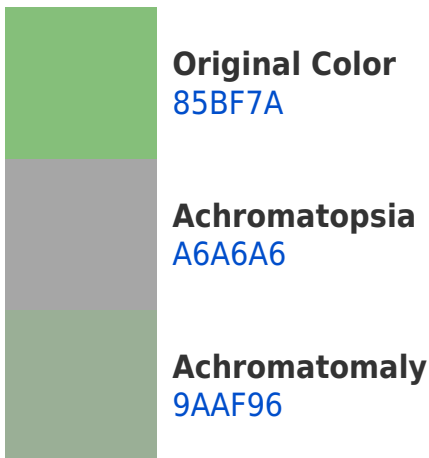


Tritanopia
92B6C4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 85BF7A 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 #85BF7A looks like.

```
.text, #text, p{  
    color:#85BF7A  
}
```

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 #85BF7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85BF7A
}
```

Border

The CSS property to change the border of an element to Hex 85BF7A 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
#85BF7A }
```

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

```
.border{ border-color:#85BF7A }
```

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

Here you see how a box with a 4 pixel #85BF7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85BF7A; -webkit-box-shadow:4px 4px  
4px 4px #85BF7A; box-shadow:4px 4px 4px  
4px #85BF7A }
```

Background

The CSS property to change the background color of an element to Hex 85BF7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85BF7A }
```

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

```
.background{ background-color:#85BF7A }
```

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