

Converting Colors

Hex(85AA7E)

Have a look what the booklet for
Hex(85AA7E) contains.

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Color

Hex(85AA7E)

Conversions

Conversions Part 1

Format	Color
Hex	85AA7E
RGB	133, 170, 126
RGB Percent	52%, 67%, 49%
CMY	0.4784, 0.3333, 0.5059
CMYK	0.22, 0.00, 0.26, 0.33
HSL	110°, 21%, 58%
HSV	110°, 26%, 67%
XYZ	27.8135, 35.2424, 25.0752
YIQ	153.9210, -7.9280, -21.5280

Conversions

Conversions Part 2

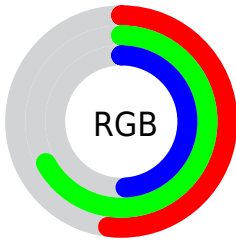
Format	Color
RYB	126, 170, 163
Decimal	8759934
CIELab	65.94, -21.22, 18.68
CIElCh	66, 28.274, 138.648
Yxy	35.2424, 0.3156, 0.3999
Android (android.graphics.Color)	4286950014 (0xFF85AA7E)
YUV	153.9210, -13.7651, -18.3477
Hunter-Lab	59.3653, -20.2594, 16.5123

Details

The Hex color **85AA7E** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A37EAA**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **BBE1B3**, and **52764D** is the 20% darker color. If you saturate the color by 10%, you get **77AA6D**, and if you desaturate by 10%, it is **93AA8F**.

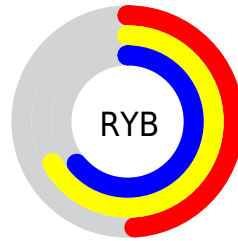
Distribution



Red (52%)

Green (67%)

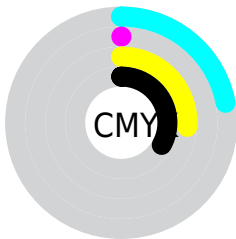
Blue (49%)



Red (49%)

Yellow (67%)

Blue (64%)

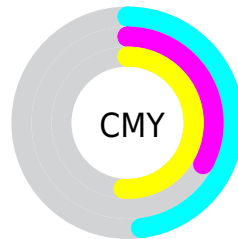


Cyan (22%)

Magenta (0%)

Yellow (26%)

Black (33%)



Cyan (48%)

Magenta (33%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85AA7E 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 85AA7E by changing the saturation by 10% instead.



85AA7E



85AA7E

FFFFFF



6B8F65



BBE1B3



52764D



D7FECE



3A5D36



F3FFEB



234520



0C2E0A



001C00



000000



85AA7E



85AA7E



77AA6D



93AA8F

68AA5C

A2AAA0

5AAA4B

B0AAB1

4CAA3A

BEAAC2

3EAA29

CCAAD3

2FAA18

DBAAE4

21AA07

E9AAF5

1BAA00

F7AAFF

FFAAFF

Harmonies

Analogous

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



A2A470



85AA7E



68AE95

Triad

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



85AA7E



71A6D1



D38E91

Complementary

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



85AA7E



A37EAA

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.



CC8EAB



85AA7E



969DD0

Square

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



85AA7E



54ABC5



B794C2



CD937B

Rectangle

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



85AA7E



58AEA7



B794C2



D28D9A

Sweetspot

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



85AA7E



CFDECC



AAA37E



677065



F0F0F0



707070

Same Dimension

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



85AA7E



A4DE99



7EAA8D



4D544C



189400



031400

Inverse Universe

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



A37EAA



D399DE



AA7E9B



534C54



7C0094



110014

Previews

White Background



This preview shows how the Hex color 85AA7E looks on a white background.

Color Contrast Check

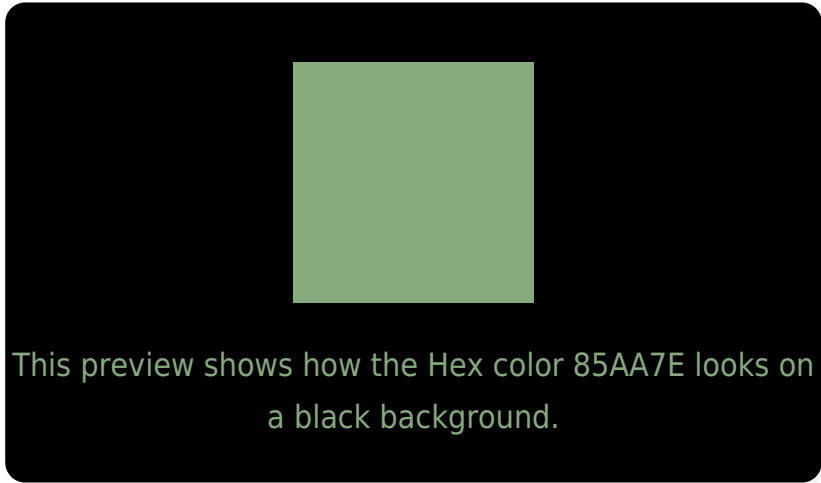
Large Text (above 18pt) WCAG AA × Fail

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

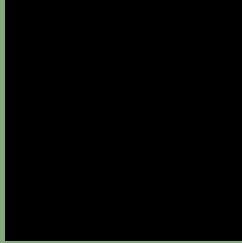
Any Text WCAG AA ✓ Pass

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 85AA7E Background



This preview shows how black text looks on a background with the Hex color 85AA7E.

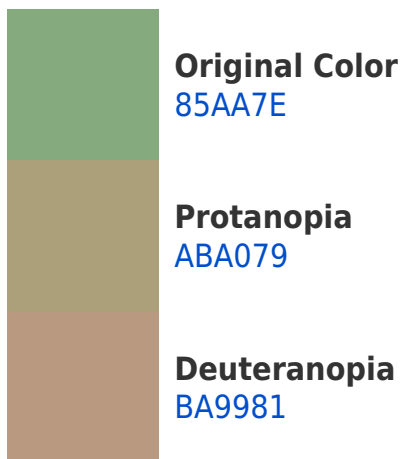


This preview shows how white text looks on a background with the Hex color 85AA7E.

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](#).

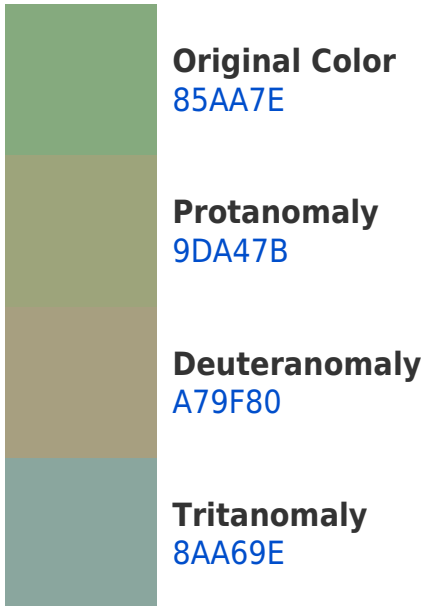
Dichromacy



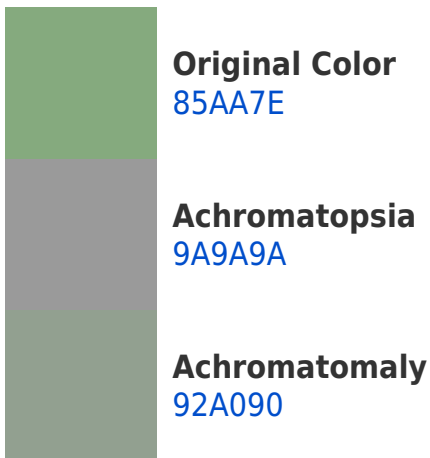


Tritanopia
8DA3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 85AA7E 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 #85AA7E looks like.

```
.text, #text, p{  
    color:#85AA7E  
}
```

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 #85AA7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85AA7E
}
```

Border

The CSS property to change the border of an element to Hex 85AA7E 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
#85AA7E }
```

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

```
.border{ border-color:#85AA7E }
```

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

Here you see how a box with a 4 pixel #85AA7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85AA7E; -webkit-box-shadow:4px 4px  
4px 4px #85AA7E; box-shadow:4px 4px 4px  
4px #85AA7E }
```

Background

The CSS property to change the background color of an element to Hex 85AA7E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85AA7E }
```

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

```
.background{ background-color:#85AA7E }
```

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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