

Converting Colors

Hex(85BA8D)

Have a look what the booklet for
Hex(85BA8D) contains.

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Color

Hex(85BA8D)

Conversions

Conversions Part 1	
Format	Color
Hex	85BA8D
RGB	133, 186, 141
RGB Percent	52%, 73%, 55%
CMY	0.4784, 0.2706, 0.4471
CMYK	0.28, 0.00, 0.24, 0.27
HSL	129°, 28%, 63%
HSV	129°, 28%, 73%
XYZ	32.0395, 42.0274, 31.6228
YIQ	165.0230, -17.1430, -25.2310

Conversions

Conversions Part 2

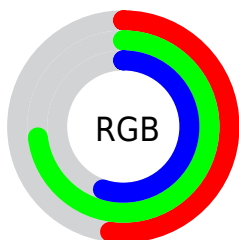
Format	Color
RYB	133, 179, 186
Decimal	8764045
CIELab	70.89, -26.55, 17.36
CIELCh	71, 31.721, 146.813
Yxy	42.0274, 0.3031, 0.3976
Android (android.graphics.Color)	4286954125 (0xFF85BA8D)
YUV	165.0230, -11.8433, -28.0842
Hunter-Lab	64.8286, -25.2320, 16.4589

Details

The Hex color **85BA8D** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **BA85B2**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **BBF2C3**, and **52855B** is the 20% darker color. If you saturate the color by 10%, you get **72BA7D**, and if you desaturate by 10%, it is **98BA9D**.

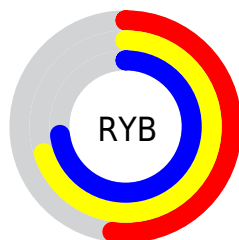
Distribution



Red (52%)

Green (73%)

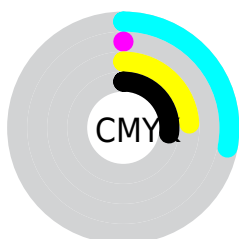
Blue (55%)



Red (52%)

Yellow (70%)

Blue (73%)

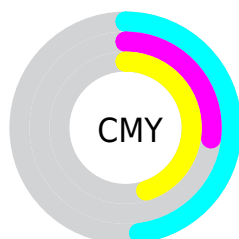


Cyan (28%)

Magenta (0%)

Yellow (24%)

Black (27%)



Cyan (48%)

Magenta (27%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85BA8D 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 85BA8D by changing the saturation by 10% instead.

 85BA8D

FFFFFF

 BBF2C3

 D7FFDF

 F4FFFB

 85BA8D

 6B9F73

 52855B

 396B43

 20532C

 043B17

 002500

 000600

 000000

 85BA8D

 85BA8D

 72BA7D 98BA9D 60BA6D AABAAD 4DBA5E BDBABC 3BBA4E CFBACC 28BA3E E2BADC 15BA2E F5BAEC 03BA1E FFBAFC 00BA1C FFBAFF

Harmonies

Analogous

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



A7B479



85BA8D



64BDA9

Triad

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



85BA8D



82B1E7



E79995

Complementary

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



85BA8D



BA85B2

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.



E398B2



85BA8D



ADA7E1

Square

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



85BA8D



5BB9DD



CF9DCD



DBA17E

Rectangle

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



85BA8D



53BDBD



CF9DCD



E7989E

Sweetspot

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



85BA8D



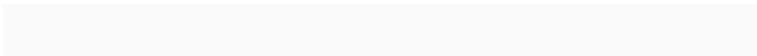
DCF2E0



B2BA85



6D7A6F



FAFAFA



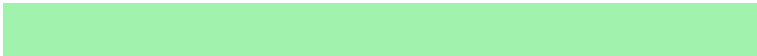
7A7A7A

Same Dimension

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



85BA8D



A0F2AC



85BAA7



535C54



009C17



001C04

Inverse Universe

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



BA85B2



F2A0E6



BA8598



5C535A



9C0084



1C0018

Previews

White Background



This preview shows how the Hex color 85BA8D looks on a white background.

Color Contrast Check

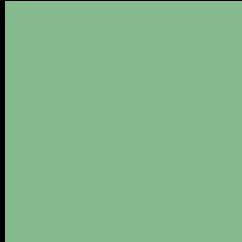
Large Text (above 18pt) WCAG AA × Fail

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 85BA8D 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 85BA8D Background



This preview shows how black text looks on a background with the Hex color 85BA8D.



This preview shows how white text looks on a background with the Hex color 85BA8D.

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



Original Color

85BA8D

Protanopia

B8AD87


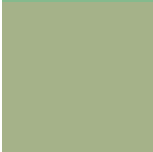

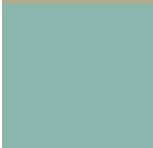
Deuteranopia

C7A691


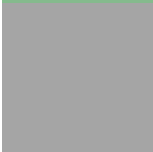
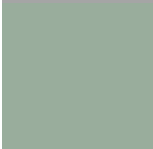


Tritanopia
8FB3C1

Trichromacy

	Original Color 85BA8D
	Protanomaly A5B289
	Deuteranomaly AFAD90
	Tritanomaly 8BB6AE

Monochromacy

	Original Color 85BA8D
	Achromatopsia A5A5A5
	Achromatomaly 99AD9C

CSS Examples

Text

The CSS property to change the color of the text to Hex 85BA8D 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 #85BA8D looks like.

```
.text, #text, p{  
    color:#85BA8D  
}
```

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 #85BA8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85BA8D
}
```

Border

The CSS property to change the border of an element to Hex 85BA8D 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
#85BA8D }
```

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

```
.border{ border-color:#85BA8D }
```

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

Here you see how a box with a 4 pixel #85BA8D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85BA8D; -webkit-box-shadow:4px 4px  
4px 4px #85BA8D; box-shadow:4px 4px 4px  
4px #85BA8D }
```

Background

The CSS property to change the background color of an element to Hex 85BA8D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85BA8D }
```

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

```
.background{ background-color:#85BA8D }
```

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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