

Converting Colors

Hex(87BB84)

Have a look what the booklet for
Hex(87BB84) contains.

Hex(87BB84)	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(87BB84)

Conversions

Conversions Part 1

Format	Color
Hex	87BB84
RGB	135, 187, 132
RGB Percent	53%, 73%, 52%
CMY	0.4706, 0.2667, 0.4824
CMYK	0.28, 0.00, 0.29, 0.27
HSL	117°, 29%, 63%
HSV	117°, 29%, 73%
XYZ	31.9269, 42.3575, 28.3229
YIQ	165.1820, -13.3370, -28.1290

Conversions

Conversions Part 2

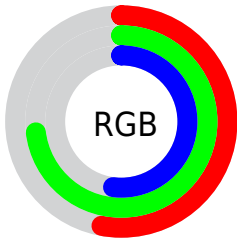
Format	Color
RYB	132, 187, 184
Decimal	8895364
CIELab	71.12, -27.93, 22.53
CIElCh	71, 35.887, 141.110
Yxy	42.3575, 0.3112, 0.4128
Android (android.graphics.Color)	4287085444 (0xFF87BB84)
YUV	165.1820, -16.3587, -26.4696
Hunter-Lab	65.0826, -26.3299, 19.7558

Details

The Hex color **87BB84** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **B884BB**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **BDF3B9**, and **538552** is the 20% darker color. If you saturate the color by 10%, you get **75BB71**, and if you desaturate by 10%, it is **99BB97**.

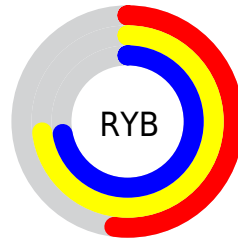
Distribution



Red (53%)

Green (73%)

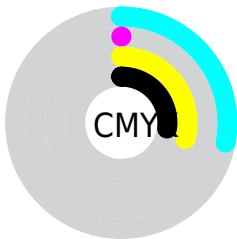
Blue (52%)



Red (52%)

Yellow (73%)

Blue (72%)

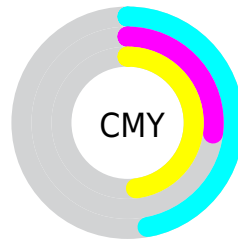


Cyan (28%)

Magenta (0%)

Yellow (29%)

Black (27%)



Cyan (47%)

Magenta (27%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87BB84 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 87BB84 by changing the saturation by 10% instead.



87BB84



87BB84

FFFFFF



6DA06B



BDF3B9



538552



DAFFD5



3A6C3B



F6FFF2



225324



053C0E



002600



000800



000000



87BB84



87BB84

 75BB71

 99BB97

 64BB5F

 AABBA9

 52BB4C

 BCBBBC

 40BB39

 CEBBCF

 2FBB27

 DFBBE2

 1DBB14

 F1BBF4

 0BBB01

 FFBBFF

 0ABB00

Harmonies

Analogous

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



ADB370



87BB84



5EBFA3

Triad

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



87BB84



70B4EE



EE9698

Complementary

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



87BB84



B884BB

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.



E796B9



87BB84



A4A9EB

Square

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



87BB84



3EBCE0



CE9ED7



E49E7C

Rectangle

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



87BB84



43C0BA



CE9ED7



EE95A3

Sweetspot

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



87BB84



DEF2DC



BBB784



6E7A6D



FAFAFA



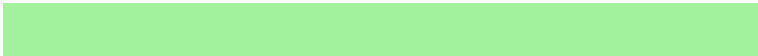
7A7A7A

Same Dimension

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



87BB84



A2F29D



84BB9C



555E55



099E00



021F00

Inverse Universe

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



B884BB



EE9DF2



BB84A3



5E555E



95009E



1D001F

Previews

White Background



This preview shows how the Hex color 87BB84 looks on a white background.

Color Contrast Check

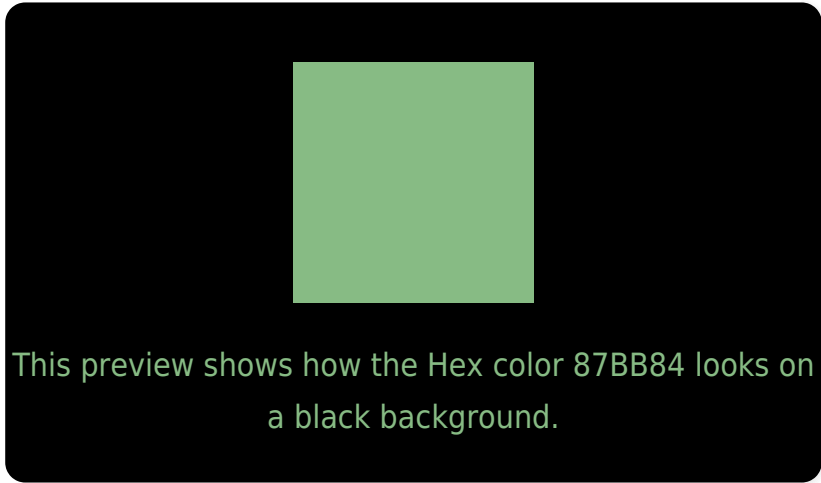
Large Text (above 18pt) WCAG AA × Fail

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

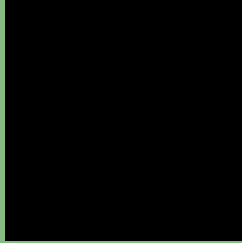
Any Text WCAG AA ✓ Pass

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 87BB84 Background



This preview shows how black text looks on a background with the Hex color 87BB84.

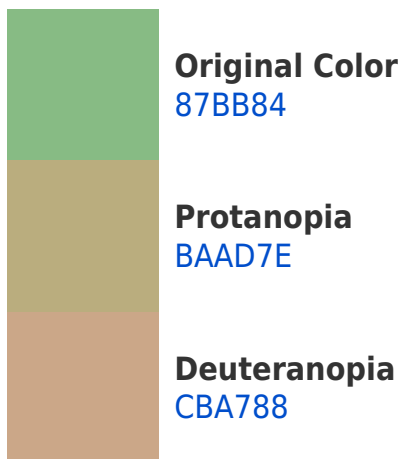


This preview shows how white text looks on a background with the Hex color 87BB84.

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](#).

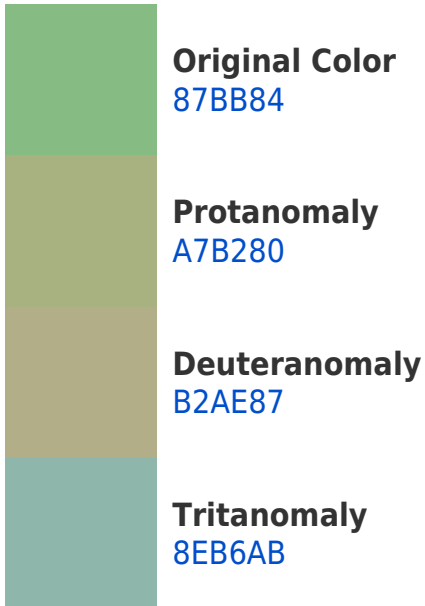
Dichromacy



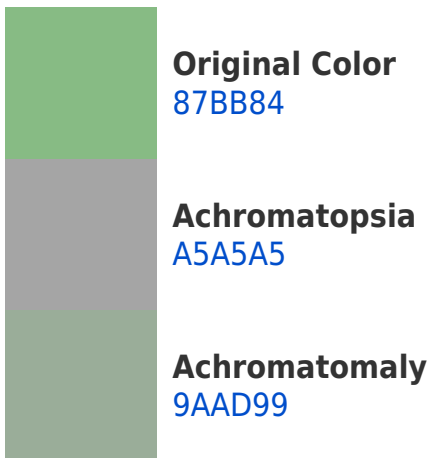


Tritanopia
92B3C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 87BB84 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 #87BB84 looks like.

```
.text, #text, p{  
    color:#87BB84  
}
```

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 #87BB84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87BB84
}
```

Border

The CSS property to change the border of an element to Hex 87BB84 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
#87BB84 }
```

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

```
.border{ border-color:#87BB84 }
```

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

Here you see how a box with a 4 pixel #87BB84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87BB84; -webkit-box-shadow:4px 4px  
4px 4px #87BB84; box-shadow:4px 4px 4px  
4px #87BB84 }
```

Background

The CSS property to change the background color of an element to Hex 87BB84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87BB84 }
```

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

```
.background{ background-color:#87BB84 }
```

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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