

Converting Colors

Hex(87BD8D)

Have a look what the booklet for
Hex(87BD8D) contains.

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Color

Hex(87BD8D)

Conversions

Conversions Part 1

Format	Color
Hex	87BD8D
RGB	135, 189, 141
RGB Percent	53%, 74%, 55%
CMY	0.4706, 0.2588, 0.4471
CMYK	0.29, 0.00, 0.25, 0.26
HSL	127°, 29%, 64%
HSV	127°, 29%, 74%
XYZ	32.9970, 43.4692, 31.8506
YIQ	167.3820, -16.7760, -26.3760

Conversions

Conversions Part 2

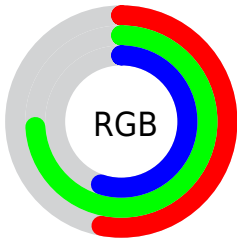
Format	Color
RYB	135, 184, 189
Decimal	8895885
CIELab	71.87, -27.35, 18.74
CIElCh	72, 33.153, 145.581
Yxy	43.4692, 0.3046, 0.4013
Android (android.graphics.Color)	4287085965 (0xFF87BD8D)
YUV	167.3820, -13.0063, -28.3990
Hunter-Lab	65.9312, -26.0445, 17.5095

Details

The Hex color **87BD8D** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **BD87B7**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **BDF6C3**, and **53875B** is the 20% darker color. If you saturate the color by 10%, you get **74BD7C**, and if you desaturate by 10%, it is **9ABD9E**.

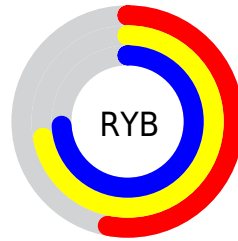
Distribution



Red (53%)

Green (74%)

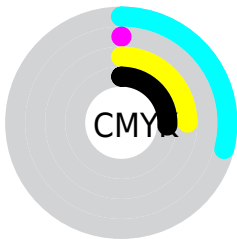
Blue (55%)



Red (53%)

Yellow (72%)

Blue (74%)

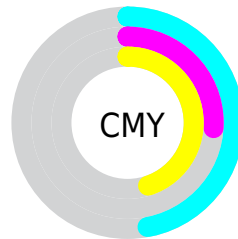


Cyan (29%)

Magenta (0%)

Yellow (25%)

Black (26%)



Cyan (47%)

Magenta (26%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87BD8D 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 87BD8D by changing the saturation by 10% instead.



87BD8D



87BD8D

FFFFFF



6DA273



BDF6C3



53875B



DAFFDF



3A6E43



F6FFFB



22552C



053D17



002700



000D00



000000



87BD8D



87BD8D

 74BD7C

 9ABD9E

 61BD6B

 ADBDAF

 4EBD5B

 C0BDBF

 3BBD4A

 D3BDD0

 28BD39

 E6BDE1

 16BD28

 F8BDF2

 03BD17

 FFBDF2

 00BD15

Harmonies

Analogous

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



AAB679



87BD8D



63C0AA

Triad

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



87BD8D



80B4EC



EC9B97

Complementary

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



87BD8D



BD87B7

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.



E89AB6



87BD8D



AEAAE7

Square

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



87BD8D



56BCE1



D2A0D3



E1A27F

Rectangle

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



87BD8D



50C1BF



D2A0D3



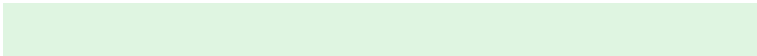
EC9AA1

Sweetspot

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



87BD8D



DFF5E1



B8BD87



6D7A6E



FAFAFA



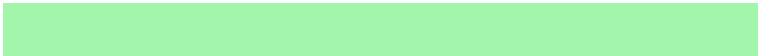
7A7A7A

Same Dimension

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



87BD8D



A2F5AB



87BDA7



555E56



009E12



001F03

Inverse Universe

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



BD87B7



F5A2EC



BD879D



5E555D



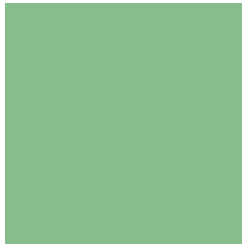
9E008D



1F001B

Previews

White Background



This preview shows how the Hex color 87BD8D looks on a white background.

Color Contrast Check

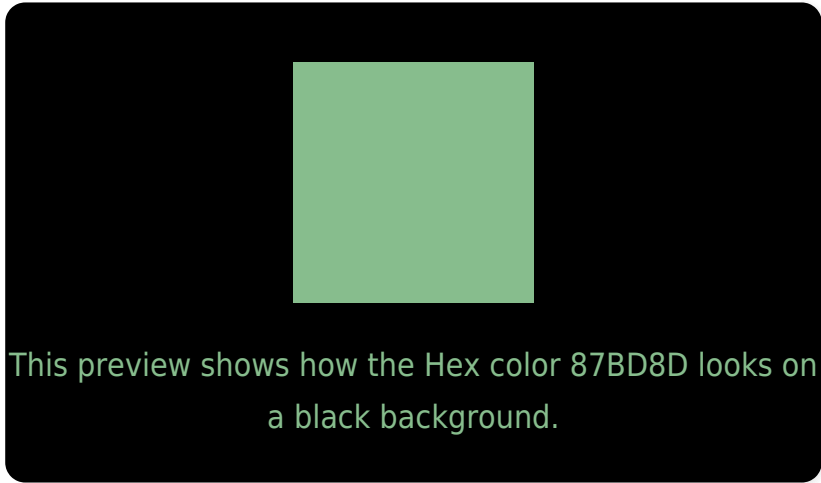
Large Text (above 18pt) WCAG AA × Fail

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 87BD8D Background



This preview shows how black text looks on a background with the Hex color 87BD8D.

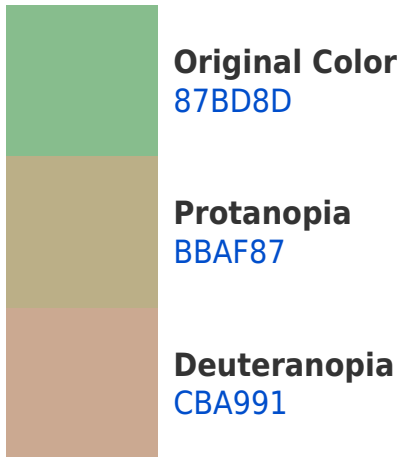


This preview shows how white text looks on a background with the Hex color 87BD8D.

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](#).

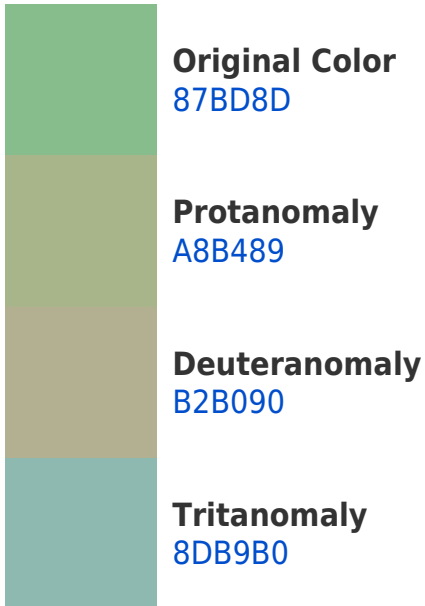
Dichromacy



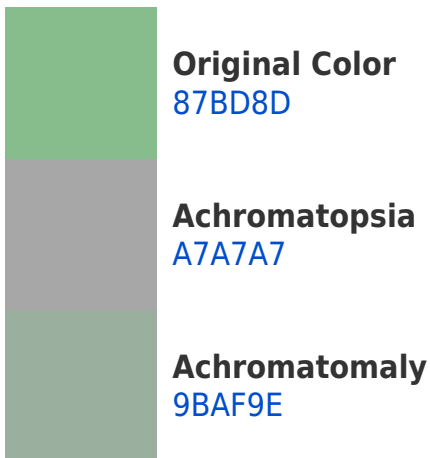


Tritanopia
91B6C4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 87BD8D 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 #87BD8D looks like.

```
.text, #text, p{  
    color:#87BD8D  
}
```

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 #87BD8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87BD8D
}
```

Border

The CSS property to change the border of an element to Hex 87BD8D 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
#87BD8D }
```

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

```
.border{ border-color:#87BD8D }
```

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

Here you see how a box with a 4 pixel #87BD8D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87BD8D; -webkit-box-shadow:4px 4px  
4px 4px #87BD8D; box-shadow:4px 4px 4px  
4px #87BD8D }
```

Background

The CSS property to change the background color of an element to Hex 87BD8D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87BD8D }
```

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

```
.background{ background-color:#87BD8D }
```

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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