

Converting Colors

Hex(80B99E)

Have a look what the booklet for
Hex(80B99E) contains.

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Color

Hex(80B99E)

Conversions

Conversions Part 1

Format	Color
Hex	80B99E
RGB	128, 185, 158
RGB Percent	50%, 73%, 62%
CMY	0.4980, 0.2745, 0.3804
CMYK	0.31, 0.00, 0.15, 0.27
HSL	152°, 29%, 61%
HSV	152°, 31%, 73%
XYZ	32.4226, 41.7557, 38.6986
YIQ	164.8790, -25.3050, -20.4810

Conversions

Conversions Part 2

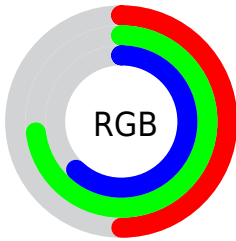
Format	Color
RYB	128, 165, 185
Decimal	8436126
CIELab	70.70, -24.36, 7.82
CIELCh	71, 25.580, 162.205
Yxy	41.7557, 0.2872, 0.3699
Android (android.graphics.Color)	4286626206 (0xFF80B99E)
YUV	164.8790, -3.3913, -32.3429
Hunter-Lab	64.6187, -23.5198, 9.7257

Details

The Hex color **80B99E** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **B9809B**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **B6F1D5**, and **4C846B** is the 20% darker color. If you saturate the color by 10%, you get **6EB995**, and if you desaturate by 10%, it is **93B9A7**.

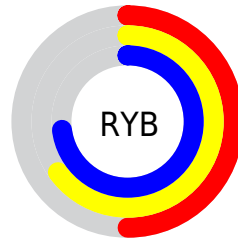
Distribution



Red (50%)

Green (73%)

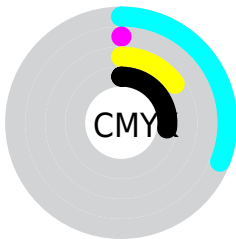
Blue (62%)



Red (50%)

Yellow (65%)

Blue (73%)

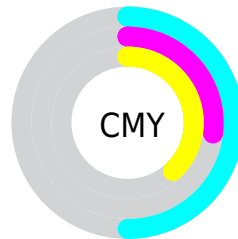


Cyan (31%)

Magenta (0%)

Yellow (15%)

Black (27%)



Cyan (50%)

Magenta (27%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80B99E 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 80B99E by changing the saturation by 10% instead.

 80B99E

 80B99E

FFFFFF

 669E84

 B6F1D5

 4C846B

 D2FFF1

 336A52

 EFFFFF

 1A523B

 003A26

 002411

 000500

 000000

 80B99E

 80B99E

 6EB995

 93B9A7

 5BB98C

 A5B9B0

 49B984

 B8B9B8

 36B97B

 CAB9C1

 24B972

 DDB9CA

 11B969

 EFB9D3

 00B961

 FFB9DB

 FFB9E4

 FFB9ED

Harmonies

Analogous

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



9AB58A



80B99E



6CBAB6

Triad

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



80B99E



9EACDA



D9A08F

Complementary

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



80B99E



B9809B

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.



DC9CA4



80B99E



BCA4D0

Square

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



80B99E



7EB3D9



D39EBC



CAA781

Rectangle

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



80B99E



68B9C5



D39EBC



DB9E95

Sweetspot

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



80B99E



DAF0E5



9CB980



6B7872



F7F7F7



787878

Same Dimension

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



80B99E



97F0C6



80B8B9



535C57



009C52



001C0F

Inverse Universe

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



B9809B



F097C1



B98180



5C5357



9C004A



1C000D

Previews

White Background



This preview shows how the Hex color 80B99E looks on a white background.

Color Contrast Check

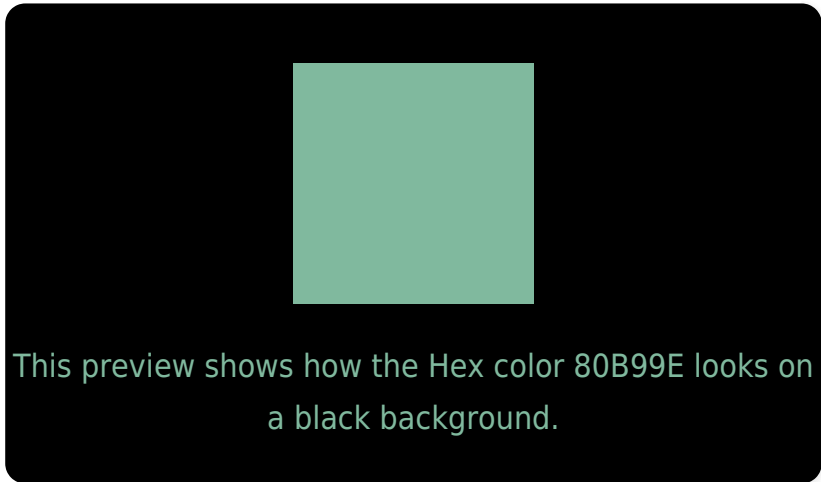
Large Text (above 18pt) WCAG AA × Fail

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

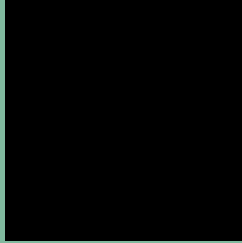
Any Text WCAG AA ✓ Pass

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 80B99E Background



This preview shows how black text looks on a background with the Hex color 80B99E.

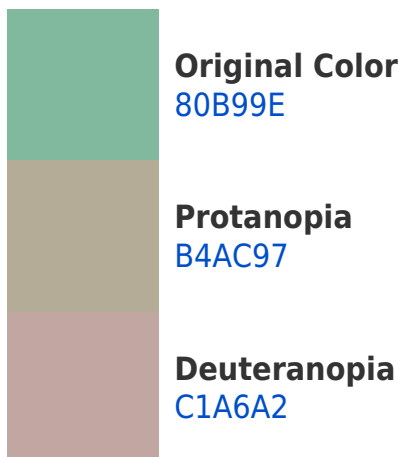


This preview shows how white text looks on a background with the Hex color 80B99E.

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](#).

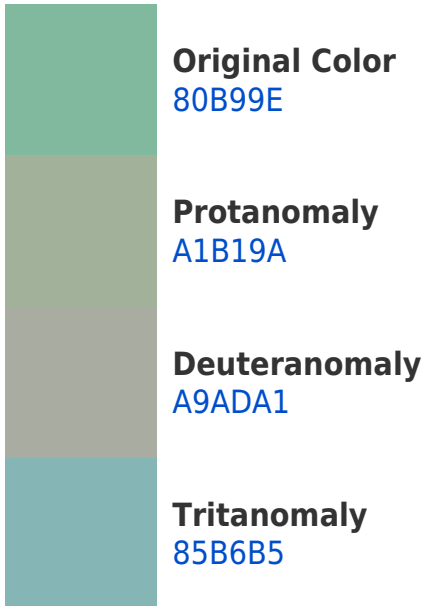
Dichromacy



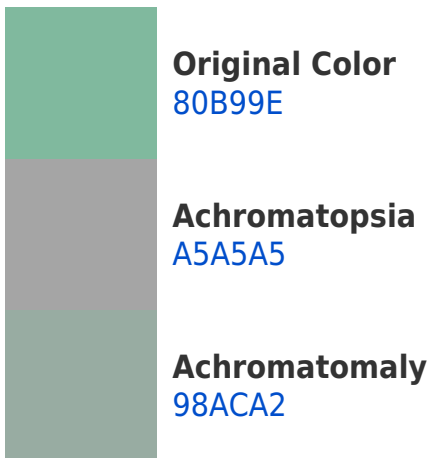


Tritanopia
88B4C2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 80B99E 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 #80B99E looks like.

```
.text, #text, p{  
    color:#80B99E  
}
```

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 #80B99E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80B99E
}
```

Border

The CSS property to change the border of an element to Hex 80B99E 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
#80B99E }
```

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

```
.border{ border-color:#80B99E }
```

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

Here you see how a box with a 4 pixel #80B99E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80B99E; -webkit-box-shadow:4px 4px  
4px 4px #80B99E; box-shadow:4px 4px 4px  
4px #80B99E }
```

Background

The CSS property to change the background color of an element to Hex 80B99E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80B99E }
```

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

```
.background{ background-color:#80B99E }
```

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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