

Converting Colors

Hex(80BA9E)

Have a look what the booklet for
Hex(80BA9E) contains.

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Color

Hex(80BA9E)

Conversions

Conversions Part 1

Format	Color
Hex	80BA9E
RGB	128, 186, 158
RGB Percent	50%, 73%, 62%
CMY	0.4980, 0.2706, 0.3804
CMYK	0.31, 0.00, 0.15, 0.27
HSL	151°, 30%, 62%
HSV	151°, 31%, 73%
XYZ	32.6325, 42.1756, 38.7685
YIQ	165.4660, -25.5800, -21.0040

Conversions

Conversions Part 2

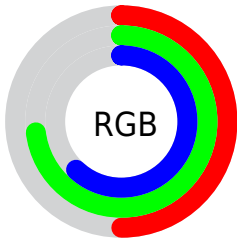
Format	Color
RYB	128, 166, 186
Decimal	8436382
CIELab	70.99, -24.85, 8.23
CIElCh	71, 26.180, 161.674
Yxy	42.1756, 0.2873, 0.3713
Android (android.graphics.Color)	4286626462 (0xFF80BA9E)
YUV	165.4660, -3.6807, -32.8577
Hunter-Lab	64.9428, -23.9569, 10.0659

Details

The Hex color **80BA9E** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **BA809C**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **B6F2D5**, and **4C856B** is the 20% darker color. If you saturate the color by 10%, you get **6DBA95**, and if you desaturate by 10%, it is **93BAA7**.

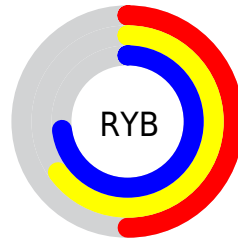
Distribution



Red (50%)

Green (73%)

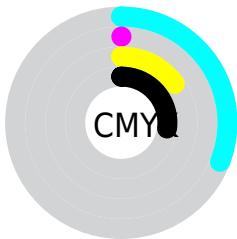
Blue (62%)



Red (50%)

Yellow (65%)

Blue (73%)

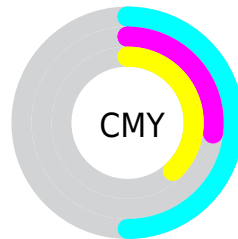


Cyan (31%)

Magenta (0%)

Yellow (15%)

Black (27%)



Cyan (50%)

Magenta (27%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80BA9E 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 80BA9E by changing the saturation by 10% instead.

 80BA9E

 80BA9E

FFFFFF

 669F84

 B6F2D5

 4C856B

 D2FFF1

 336B52

 EFFFFFF

 19533B

 003B26

 002511

 000700

 000000

 80BA9E

 80BA9E

 6DBA95

 93BAA7

 5BBA8C

 A5BAB0

 48BA83

 B8BAB9

 36BA7A

 CABAC2

 23BA71

 DDBACB

 10BA68

 F0BAD4

 00BA60

 FFBADD

 FFBAE6

 FFBAEF

Harmonies

Analogous

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



9BB68A



80BA9E



6BBBB7

Triad

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



80BA9E



9DADDC



DBA08F

Complementary

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



80BA9E



BA809C

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.



DE9CA5



80BA9E



BDA4D1

Square

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



80BA9E



7DB4DA



D49EBD



CCA781

Rectangle

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



80BA9E



67BAC6



D49EBD



DD9E96

Sweetspot

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



80BA9E



DCF2E8



9CBA80



6D7A74



FAFAFA



7A7A7A

Same Dimension

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



80BA9E



99F2C7



80B9BA



535C57



009C50



001C0F

Inverse Universe

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



BA809C



F299C4



BA8180



5C5357



9C004B



1C000E

Previews

White Background



This preview shows how the Hex color 80BA9E looks on a white background.

Color Contrast Check

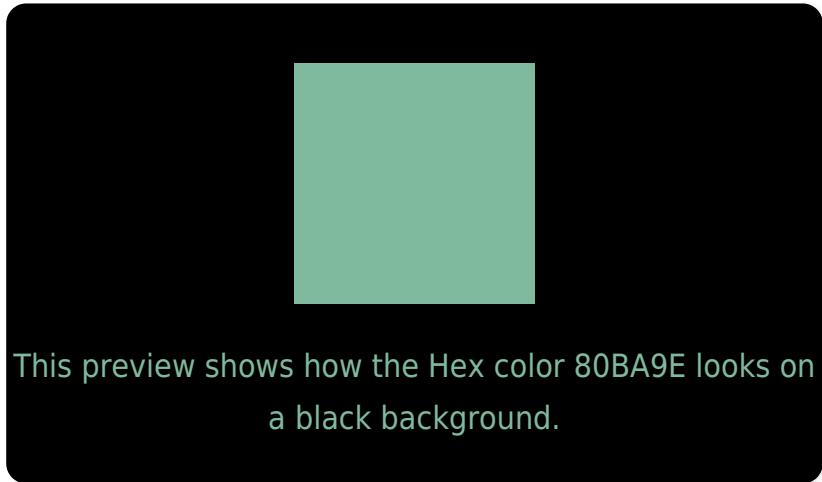
Large Text (above 18pt) WCAG AA × Fail

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

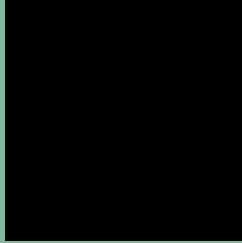
Any Text WCAG AA ✓ Pass

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 80BA9E Background



This preview shows how black text looks on a background with the Hex color 80BA9E.

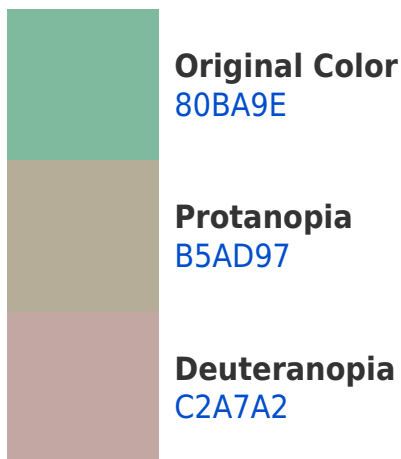


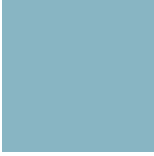
This preview shows how white text looks on a background with the Hex color 80BA9E.

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](#).

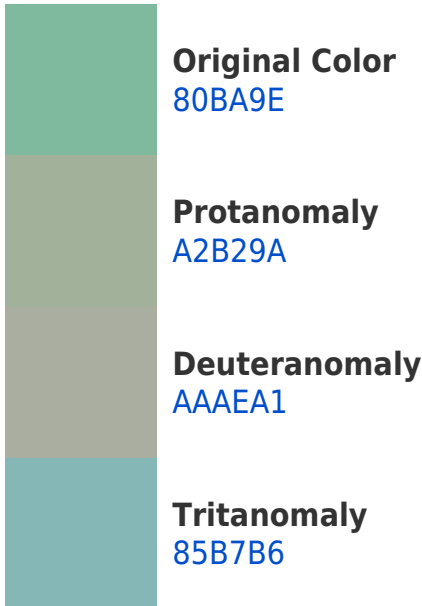
Dichromacy



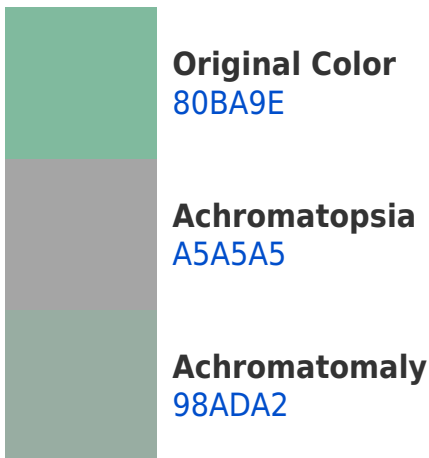


Tritanopia
88B5C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 80BA9E 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 #80BA9E looks like.

```
.text, #text, p{  
  color:#80BA9E  
}
```

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 #80BA9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80BA9E
}
```

Border

The CSS property to change the border of an element to Hex 80BA9E 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
#80BA9E }
```

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

```
.border{ border-color:#80BA9E }
```

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

Here you see how a box with a 4 pixel #80BA9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80BA9E; -webkit-box-shadow:4px 4px  
4px 4px #80BA9E; box-shadow:4px 4px 4px  
4px #80BA9E }
```

Background

The CSS property to change the background color of an element to Hex 80BA9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80BA9E }
```

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

```
.background{ background-color:#80BA9E }
```

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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