

Converting Colors

Hex(80B9BA)

Have a look what the booklet for
Hex(80B9BA) contains.

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Color

Hex(80B9BA)

Conversions

Conversions Part 1

Format	Color
Hex	80B9BA
RGB	128, 185, 186
RGB Percent	50%, 73%, 73%
CMY	0.4980, 0.2745, 0.2706
CMYK	0.31, 0.01, 0.00, 0.27
HSL	181°, 30%, 62%
HSV	181°, 31%, 73%
XYZ	35.1140, 42.8323, 52.8711
YIQ	168.0710, -34.2930, -11.7730

Conversions

Conversions Part 2

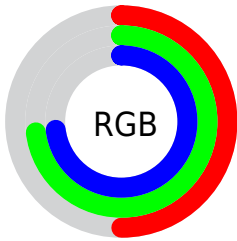
Format	Color
RYB	128, 157, 186
Decimal	8436154
CIELab	71.44, -18.13, -6.44
CIELCh	71, 19.239, 199.552
Yxy	42.8323, 0.2684, 0.3274
Android (android.graphics.Color)	4286626234 (0xFF80B9BA)
YUV	168.0710, 8.8390, -35.1423
Hunter-Lab	65.4464, -18.7605, -2.0852

Details

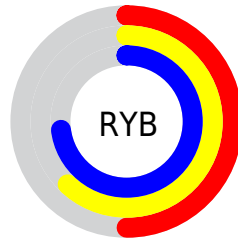
The Hex color **80B9BA** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **BA8180**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **B7F1F2**, and **4C8485** is the 20% darker color. If you saturate the color by 10%, you get **6DB9BA**, and if you desaturate by 10%, it is **93B9BA**.

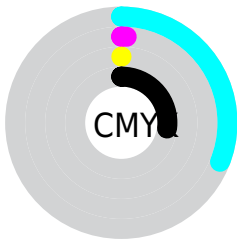
Distribution



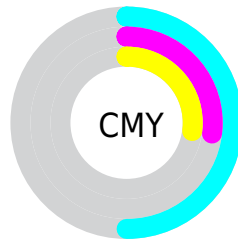
- Red (50%)
- Green (73%)
- Blue (73%)



- Red (50%)
- Yellow (62%)
- Blue (73%)



- Cyan (31%)
- Magenta (1%)
- Yellow (0%)
- Black (27%)



- Cyan (50%)
- Magenta (27%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80B9BA 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 80B9BA by changing the saturation by 10% instead.

 80B9BA

 80B9BA

FFFFFF

 669E9F


 B7F1F2

 4C8485

 D3FFFF

 326A6C

 F0FFFF

 155254

 003B3C

 002527

 000B12

 000000

 80B9BA

 80B9BA

 6DB9BA

 93B9BA

 5BB8BA

 A5BABA

 48B8BA

 B8BABA

 36B8BA

 CABABA

 23B7BA

 DDBBBA

 10B7BA

 F0BBBA

 00B7BA

 FFBBBA

 FFBCBA

Harmonies

Analogous

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



8AB9A8



80B9BA



83B7C9

Triad

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



80B9BA



C0A7C6



C2AC8D

Complementary

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



80B9BA



BA8180

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.



CFA695



80B9BA



CFA3B6

Square

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



80B9BA



AAADD0



D4A3A4



B0B18E

Rectangle

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



80B9BA



8DB4CF



D4A3A4



C7AA8F

Sweetspot

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



80B9BA



DCF2F2



80BA81



6D7A7A



FAFAFA



7A7A7A

Same Dimension

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



80B9BA



99F1F2



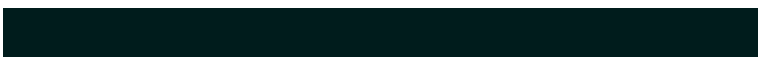
809CBA



535C5C



00999C



001C1C

Inverse Universe

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



BA80B9



F299F1



BA9E80



5C535C



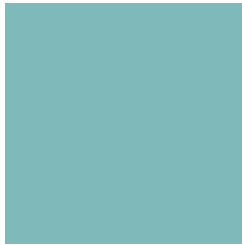
9C0099



1C001C

Previews

White Background



This preview shows how the Hex color 80B9BA looks on a white background.

Color Contrast Check

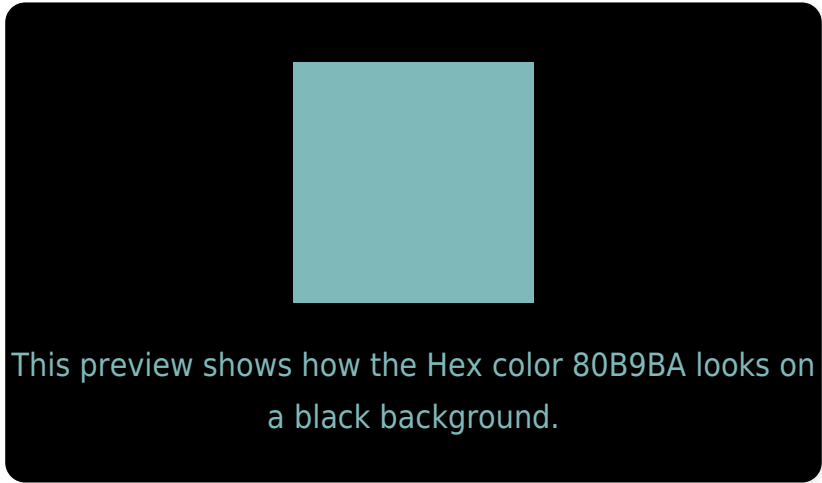
Large Text (above 18pt) WCAG AA × Fail

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

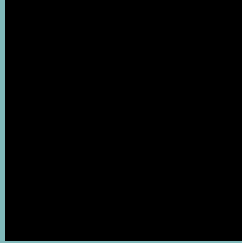
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

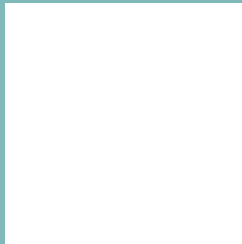
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 80B9BA Background



This preview shows how black text looks on a background with the Hex color 80B9BA.

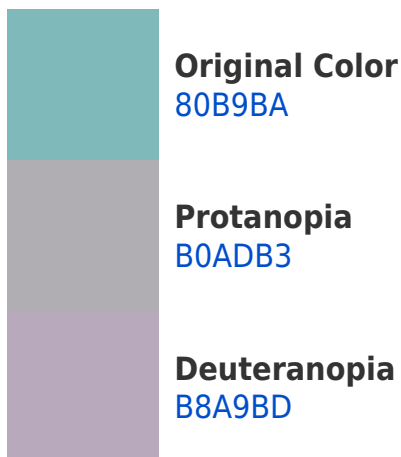


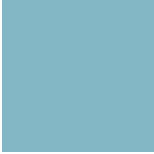
This preview shows how white text looks on a background with the Hex color 80B9BA.

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](#).

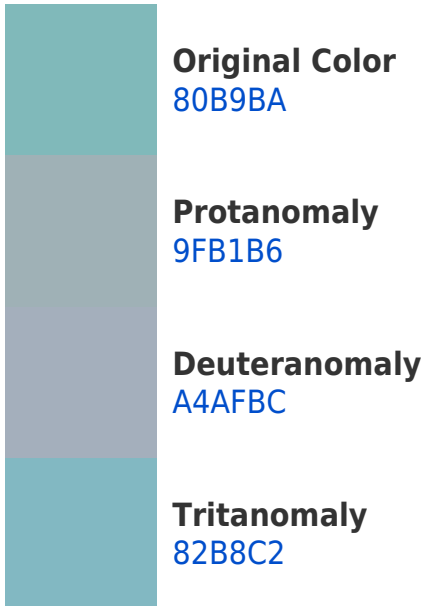
Dichromacy



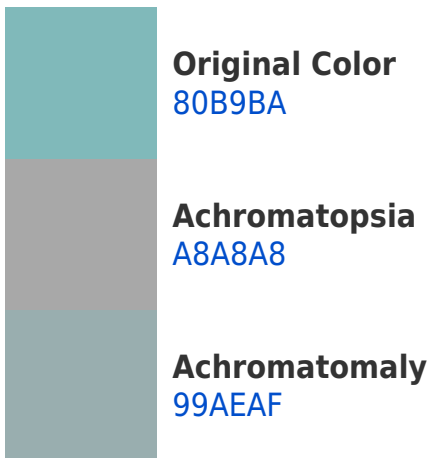


Tritanopia
83B7C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 80B9BA 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 #80B9BA looks like.

```
.text, #text, p{  
    color:#80B9BA  
}
```

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 #80B9BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80B9BA
}
```

Border

The CSS property to change the border of an element to Hex 80B9BA 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
#80B9BA }
```

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

```
.border{ border-color:#80B9BA }
```

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

Here you see how a box with a 4 pixel #80B9BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80B9BA; -webkit-box-shadow:4px 4px  
4px 4px #80B9BA; box-shadow:4px 4px 4px  
4px #80B9BA }
```

Background

The CSS property to change the background color of an element to Hex 80B9BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80B9BA }
```

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

```
.background{ background-color:#80B9BA }
```

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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