

Converting Colors

Hex(81B9A0)

Have a look what the booklet for
Hex(81B9A0) contains.

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Color

Hex(81B9A0)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 81B9A0 |
| RGB | 129, 185, 160 |
| RGB Percent | 51%, 73%, 63% |
| CMY | 0.4941, 0.2745, 0.3725 |
| CMYK | 0.30, 0.00, 0.14, 0.27 |
| HSL | 153°, 29%, 62% |
| HSV | 153°, 30%, 73% |
| XYZ | 32.7474, 41.9031, 39.6198 |
| YIQ | 165.4060, -25.3510, -19.6470 |

Conversions

Conversions Part 2

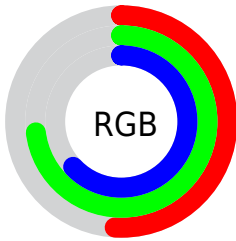
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 129, 165, 185 |
| Decimal | 8501664 |
| CIELab | 70.80, -23.63, 6.88 |
| CIELCh | 71, 24.613, 163.774 |
| Yxy | 41.9031, 0.2866, 0.3667 |
| Android (android.graphics.Color) | 4286691744 (0xFF81B9A0) |
| YUV | 165.4060, -2.6652, -31.9281 |
| Hunter-Lab | 64.7326, -22.9813, 9.0242 |

Details

The Hex color **81B9A0** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **B9819A**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **B7F1D7**, and **4E846D** is the 20% darker color. If you saturate the color by 10%, you get **6EB998**, and if you desaturate by 10%, it is **93B9A8**.

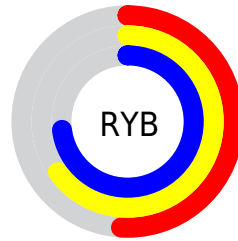
Distribution



Red (51%)

Green (73%)

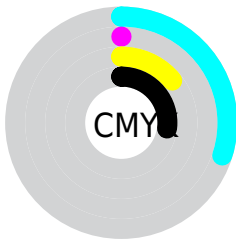
Blue (63%)



Red (51%)

Yellow (65%)

Blue (73%)

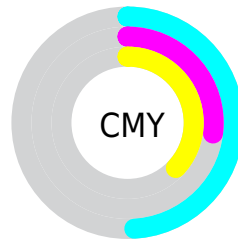


Cyan (30%)

Magenta (0%)

Yellow (14%)

Black (27%)



Cyan (49%)


Magenta (27%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81B9A0 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 81B9A0 by changing the saturation by 10% instead.

 81B9A0

 81B9A0

FFFFFF

 679E86

 B7F1D7

 4E846D

 D3FFF3

 356A54


 F0FFFF

 1B523D


 003A27

 002413

 000600

 000000

 81B9A0

 81B9A0

 6EB998

 93B9A8

 5CB98F

 A6B9B1

 49B987

 B8B9B9

 37B97F

 CBB9C1

 25B977

 DDB9C9

 12B96E

 F0B9D2

 00B966

 FFB9DA

 FFB9E2

 FFB9EA

Harmonies

Analogous

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



9AB58C



81B9A0



6FBAB7

Triad

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



81B9A0



A0ACD8



D7A18F

Complementary

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



81B9A0



B9819A

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.



DB9DA4



81B9A0



BEA4CE

Square

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



81B9A0



82B3D8



D29EBA



C9A883

Rectangle

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



81B9A0



6CB9C5



D29EBA



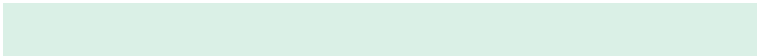
DA9F95

Sweetspot

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



81B9A0



DAF0E6



9AB981



6B7872



F7F7F7



787878

Same Dimension

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



81B9A0



99F0C9



81B6B9



535C58



009C56



001C10

Inverse Universe

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



B9819A



F099C0



B98481



5C5357



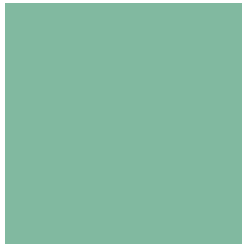
9C0045



1C000D

Previews

White Background



This preview shows how the Hex color 81B9A0 looks on a white background.

Color Contrast Check

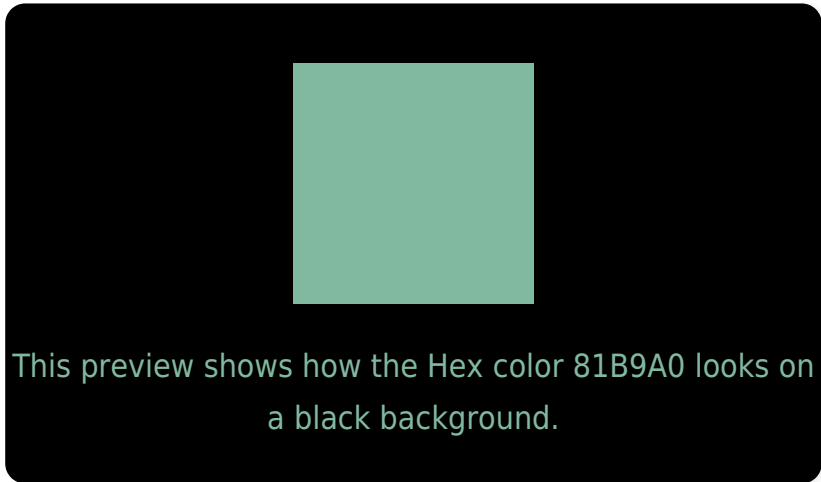
Large Text (above 18pt) WCAG AA × Fail

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

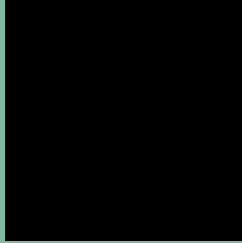
Any Text WCAG AA ✓ Pass

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 81B9A0 Background



This preview shows how black text looks on a background with the Hex color 81B9A0.

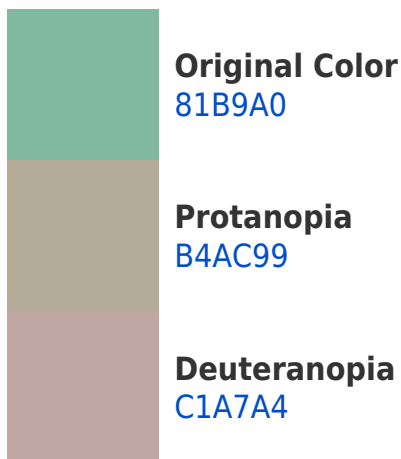


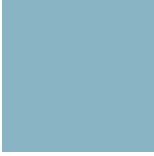
This preview shows how white text looks on a background with the Hex color 81B9A0.

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](#).

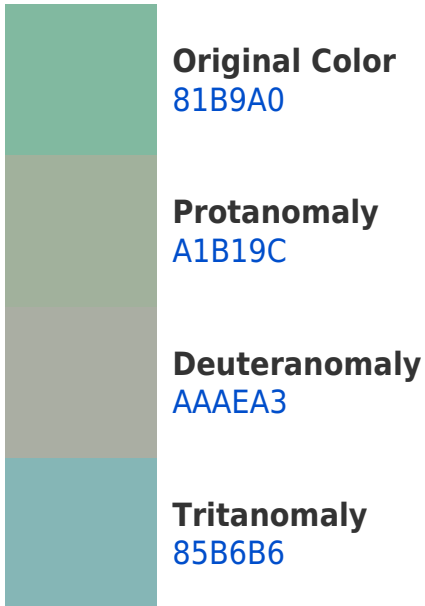
Dichromacy



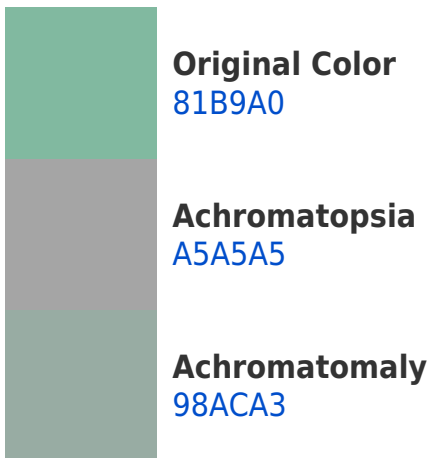


Tritanopia
88B4C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 81B9A0 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 #81B9A0 looks like.

```
.text, #text, p{  
    color:#81B9A0  
}
```

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 #81B9A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81B9A0
}
```

Border

The CSS property to change the border of an element to Hex 81B9A0 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
#81B9A0 }
```

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

```
.border{ border-color:#81B9A0 }
```

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

Here you see how a box with a 4 pixel #81B9A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81B9A0; -webkit-box-shadow:4px 4px  
4px 4px #81B9A0; box-shadow:4px 4px 4px  
4px #81B9A0 }
```

Background

The CSS property to change the background color of an element to Hex 81B9A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81B9A0 }
```

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

```
.background{ background-color:#81B9A0 }
```

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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