

Converting Colors

Hex(81B1A4)

Have a look what the booklet for
Hex(81B1A4) contains.

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Color

Hex(81B1A4)

Conversions

Conversions Part 1

Format	Color
Hex	81B1A4
RGB	129, 177, 164
RGB Percent	51%, 69%, 64%
CMY	0.4941, 0.3059, 0.3569
CMYK	0.27, 0.00, 0.07, 0.31
HSL	164°, 24%, 60%
HSV	164°, 27%, 69%
XYZ	31.4762, 38.7917, 40.9505
YIQ	161.1660, -24.4350, -14.2190

Conversions

Conversions Part 2

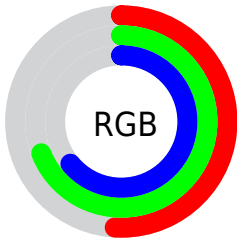
Format	Color
RYB	129, 157, 177
Decimal	8499620
CIELab	68.60, -18.73, 1.50
CIElCh	69, 18.788, 175.430
Yxy	38.7917, 0.2830, 0.3488
Android (android.graphics.Color)	4286689700 (0xFF81B1A4)
YUV	161.1660, 1.3972, -28.2096
Hunter-Lab	62.2830, -18.7860, 4.6155

Details

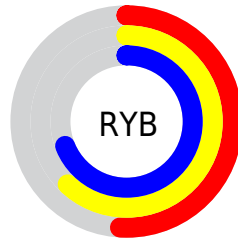
The Hex color **81B1A4** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B1818E**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **B7E9DB**, and **4E7C70** is the 20% darker color. If you saturate the color by 10%, you get **6FB19F**, and if you desaturate by 10%, it is **93B1A9**.

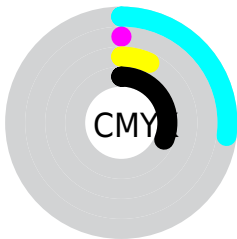
Distribution



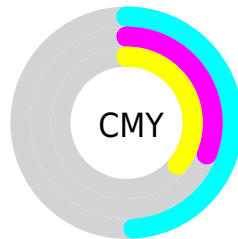
- Red (51%)
- Green (69%)
- Blue (64%)



- Red (51%)
- Yellow (62%)
- Blue (69%)



- Cyan (27%)
- Magenta (0%)
- Yellow (7%)
- Black (31%)



- Cyan (49%)
- Magenta (31%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81B1A4 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 81B1A4 by changing the saturation by 10% instead.



81B1A4



81B1A4

FFFFFF



67968A



B7E9DB



4E7C70



D3FFF7



356358



F0FFFF



1D4B41



02342B



001F16



000000



81B1A4



81B1A4



6FB19F



93B1A9

 5EB19A

 A4B1AE

 4CB196

 B6B1B2

 3AB191

 C8B1B7

 29B18C

 DAB1BC

 17B187

 EBB1C1

 05B182

 FDB1C6

 00B181

 FFB1CA

 FFB1CF

Harmonies

Analogous

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



91AF94



81B1A4



79B1B5

Triad

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



81B1A4



A7A4C6



C5A08C

Complementary

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



81B1A4



B1818E

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.



CB9C99



81B1A4



BB9FBB

Square

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



81B1A4



91AAC9



C89CAB



B7A586

Rectangle

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



81B1A4



7BAFBF



C89CAB



C89E90

Sweetspot

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



81B1A4



D3E6E1



8FB181



677370



F2F2F2



737373

Same Dimension

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



81B1A4



9AE6D1



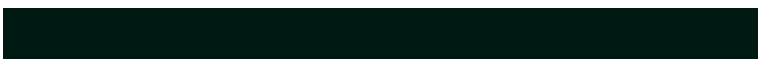
81A7B1



505957



009970



001A13

Inverse Universe

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



B1818E



E69AAE



B18B81



595053



990029



1A0007

Previews

White Background



This preview shows how the Hex color 81B1A4 looks on a white background.

Color Contrast Check

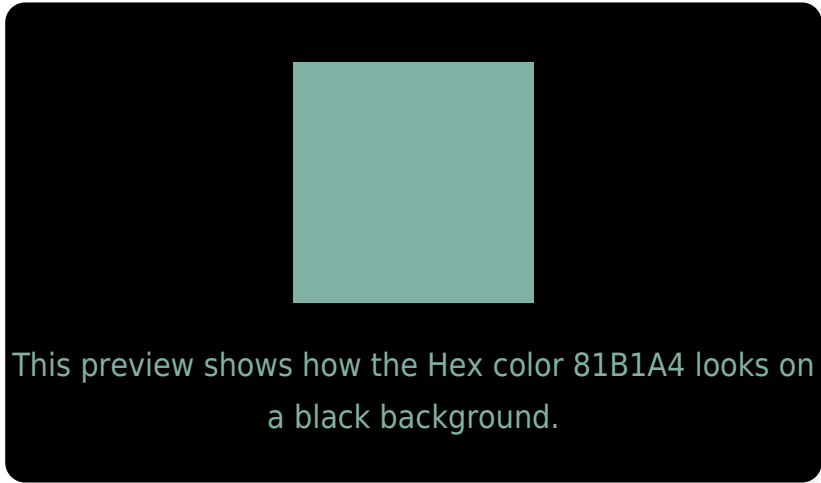
Large Text (above 18pt) WCAG AA × Fail

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

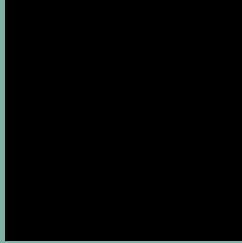
Any Text WCAG AA ✓ Pass

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 81B1A4 Background



This preview shows how black text looks on a background with the Hex color 81B1A4.

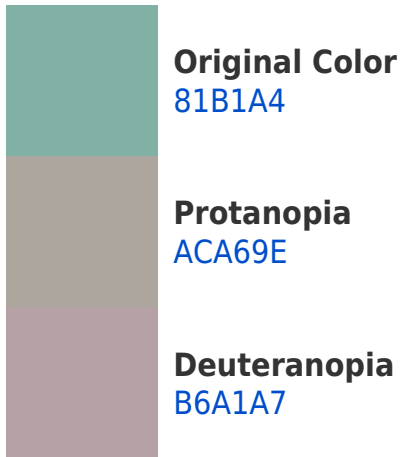


This preview shows how white text looks on a background with the Hex color 81B1A4.

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](#).

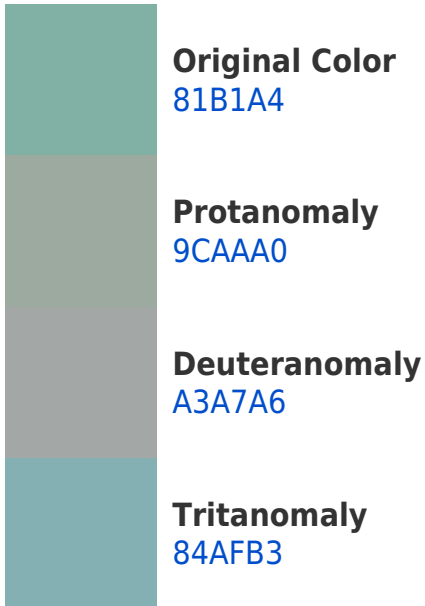
Dichromacy



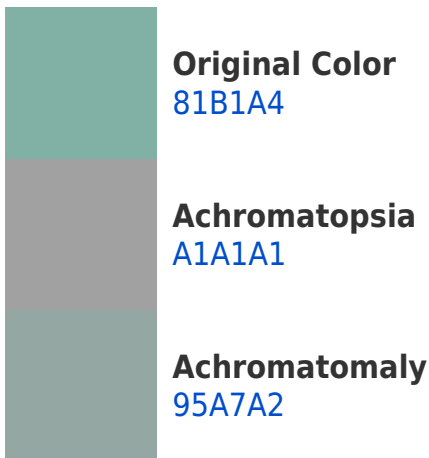


Tritanopia
86AEBB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 81B1A4 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 #81B1A4 looks like.

```
.text, #text, p{  
    color:#81B1A4  
}
```

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 #81B1A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81B1A4
}
```

Border

The CSS property to change the border of an element to Hex 81B1A4 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
#81B1A4 }
```

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

```
.border{ border-color:#81B1A4 }
```

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

Here you see how a box with a 4 pixel #81B1A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81B1A4; -webkit-box-shadow:4px 4px  
4px 4px #81B1A4; box-shadow:4px 4px 4px  
4px #81B1A4 }
```

Background

The CSS property to change the background color of an element to Hex 81B1A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81B1A4 }
```

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

```
.background{ background-color:#81B1A4 }
```

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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