

Converting Colors

Hex(81B881)

Have a look what the booklet for
Hex(81B881) contains.

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Color

Hex(81B881)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 81B881 |
| RGB | 129, 184, 129 |
| RGB Percent | 51%, 72%, 51% |
| CMY | 0.4941, 0.2784, 0.4941 |
| CMYK | 0.30, 0.00, 0.30, 0.28 |
| HSL | 120°, 28%, 61% |
| HSV | 120°, 30%, 72% |
| XYZ | 30.1562, 40.5331, 27.0031 |
| YIQ | 161.2850, -15.1250, -28.7650 |

Conversions

Conversions Part 2

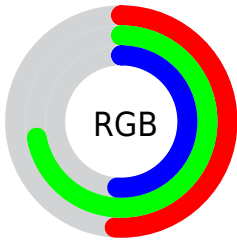
| Format | Color |
|-------------------------------------|--|
| RYB | 129, 184, 184 |
| Decimal | 8501377 |
| CIELab | 69.85, -29.01, 22.36 |
| CIElCh | 70, 36.626, 142.379 |
| Yxy | 40.5331, 0.3087, 0.4149 |
| Android (android.graphics.Color) | 4286691457 (0xFF81B881) |
| YUV | 161.2850, -15.9165, -28.3139 |
| Hunter-Lab | 63.6656, -26.8655, 19.4186 |

Details

The Hex color **81B881** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **B881B8**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **B7F0B6**, and **4D834F** is the 20% darker color. If you saturate the color by 10%, you get **6FB86F**, and if you desaturate by 10%, it is **93B893**.

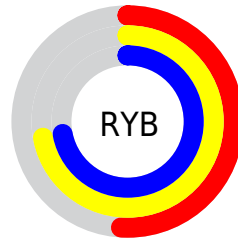
Distribution



Red (51%)

Green (72%)

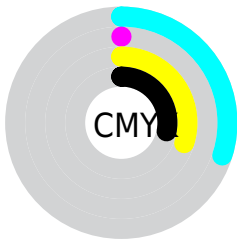
Blue (51%)



Red (51%)

Yellow (72%)

Blue (72%)

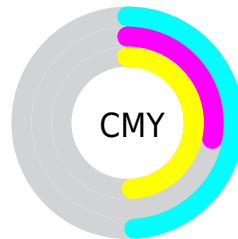


Cyan (30%)

Magenta (0%)

Yellow (30%)

Black (28%)



Cyan (49%)

Magenta (28%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81B881 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 81B881 by changing the saturation by 10% instead.

 81B881

 81B881

FFFFFF

 679D68

 B7F0B6

 4D834F

 D3FFD2

 346938


 F0FFEE


 1B5122

 00390C

 002400

 000000

 81B881

 81B881

 6FB86F

 93B893

 5CB85C

 A6B8A6

 4AB84A

 B8B8B8

 37B837

 CBB8CB

 25B825

 DDB8DD

 13B813

 EFB8EF

 00B800

 FFB8FF

Harmonies

Analogous

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



A7B06C



81B881



56BCA1

Triad

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



81B881



6DB1EC



EC9293

Complementary

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



81B881



B881B8

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.



E692B5



81B881



A2A5E8

Square

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



81B881



35B8DE



CC99D4



E19A77

Rectangle

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



81B881



38BDB8



CC99D4



EC919E

Sweetspot

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



81B881



DAF0DA



B8B881



6B786B



F7F7F7



787878

Same Dimension

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



81B881



99F099



81B89D



535C53



009C00



001C00

Inverse Universe

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



B881B8



F099F0



B8819D



5C535C



9C009C



1C001C

Previews

White Background



This preview shows how the Hex color 81B881 looks on a white background.

Color Contrast Check

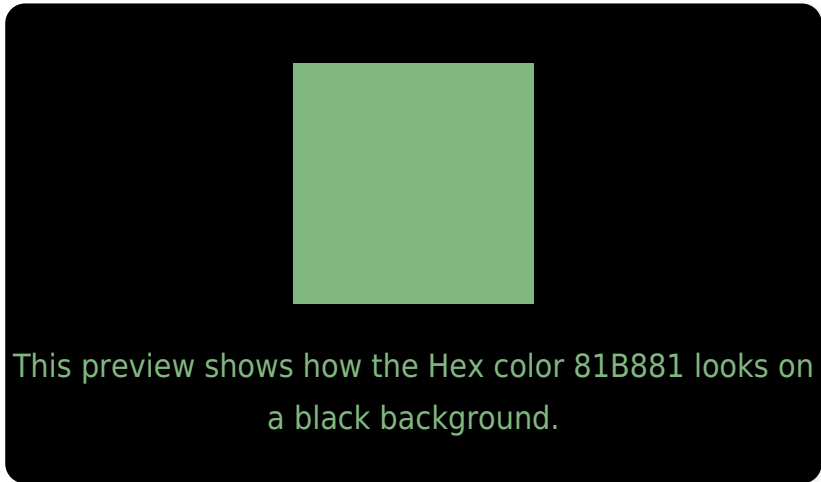
Large Text (above 18pt) WCAG AA × Fail

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

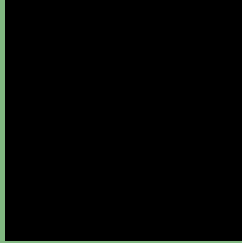
Any Text WCAG AA ✓ Pass

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 81B881 Background



This preview shows how black text looks on a background with the Hex color 81B881.

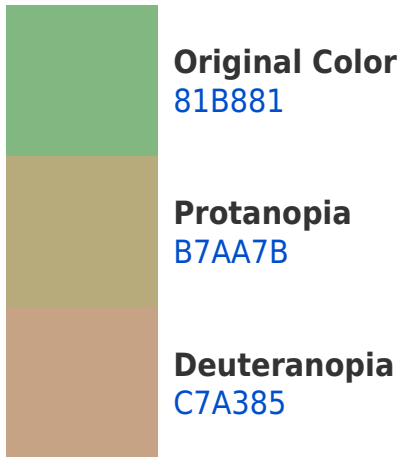


This preview shows how white text looks on a background with the Hex color 81B881.

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](#).

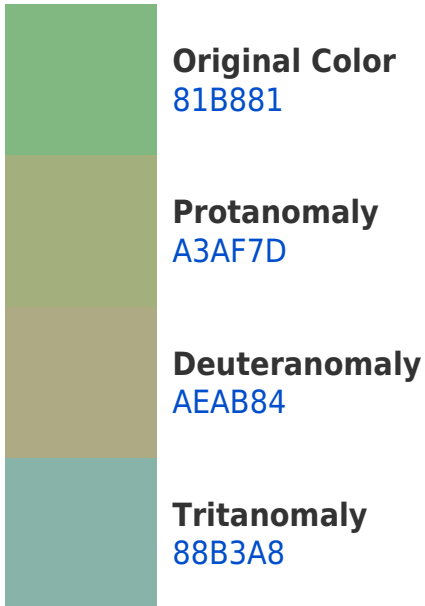
Dichromacy





Tritanopia
8CB0BE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 81B881 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 #81B881 looks like.

```
.text, #text, p{  
    color:#81B881  
}
```

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 #81B881 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81B881
}
```

Border

The CSS property to change the border of an element to Hex 81B881 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
#81B881 }
```

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

```
.border{ border-color:#81B881 }
```

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

Here you see how a box with a 4 pixel #81B881 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81B881; -webkit-box-shadow:4px 4px  
4px 4px #81B881; box-shadow:4px 4px 4px  
4px #81B881 }
```

Background

The CSS property to change the background color of an element to Hex 81B881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81B881 }
```

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

```
.background{ background-color:#81B881 }
```

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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