

Converting Colors

Hex(80B185)

Have a look what the booklet for
Hex(80B185) contains.

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Color

Hex(80B185)

Conversions

Conversions Part 1

Format	Color
Hex	80B185
RGB	128, 177, 133
RGB Percent	50%, 69%, 52%
CMY	0.4980, 0.3059, 0.4784
CMYK	0.28, 0.00, 0.25, 0.31
HSL	126°, 24%, 60%
HSV	126°, 28%, 69%
XYZ	28.8579, 37.7269, 27.9514
YIQ	157.3330, -15.0800, -24.0720

Conversions

Conversions Part 2

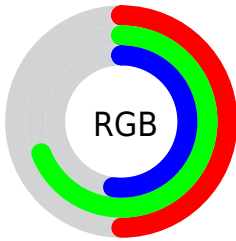
Format	Color
RYB	128, 172, 177
Decimal	8434053
CIELab	67.82, -25.23, 17.41
CIElCh	68, 30.653, 145.401
Yxy	37.7269, 0.3053, 0.3991
Android (android.graphics.Color)	4286624133 (0xFF80B185)
YUV	157.3330, -11.9962, -25.7250
Hunter-Lab	61.4223, -23.6247, 16.0145

Details

The Hex color **80B185** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **B180AC**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **B6E9BA**, and **4D7C53** is the 20% darker color. If you saturate the color by 10%, you get **6EB175**, and if you desaturate by 10%, it is **92B195**.

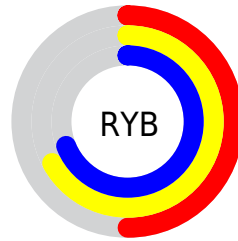
Distribution



Red (50%)

Green (69%)

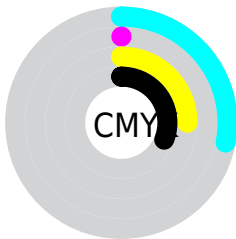
Blue (52%)



Red (50%)

Yellow (67%)

Blue (69%)

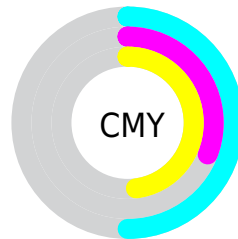


Cyan (28%)

Magenta (0%)

Yellow (25%)

Black (31%)



Cyan (50%)

Magenta (31%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80B185 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 80B185 by changing the saturation by 10% instead.



80B185



80B185

FFFFFF



66966C



B6E9BA



4D7C53



D2FFD6



35633C



EEFFF2



1C4B26



013411



002000



000000



80B185



80B185



6EB175



92B195

 5DB165

 A3B1A5

 4BB155

 B5B1B5

 39B145

 C7B1C5

 28B136

 D9B1D4

 16B126

 EAB1E4

 04B116

 FCB1F4

 00B112

 FFB1FF

Harmonies

Analogous

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



A0AB73



80B185



60B4A0

Triad

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



80B185



7AA9DC



DC928F

Complementary

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



80B185



B180AC

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.



D891AB



80B185



A3A0D7

Square

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



80B185



55B0D2



C496C5



D29979

Rectangle

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



80B185



4FB4B3



C496C5



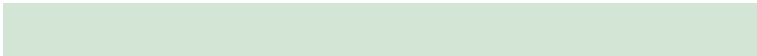
DC9198

Sweetspot

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



80B185



D3E6D5



ACB180



677368



F2F2F2



737373

Same Dimension

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



80B185



9AE6A1



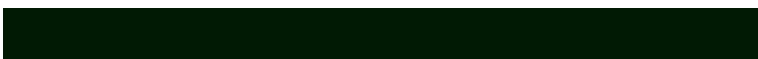
80B19D



505951



009910



001A03

Inverse Universe

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



B180AC



E69ADE



B18094



595058



990089



1A0017

Previews

White Background



This preview shows how the Hex color 80B185 looks on a white background.

Color Contrast Check

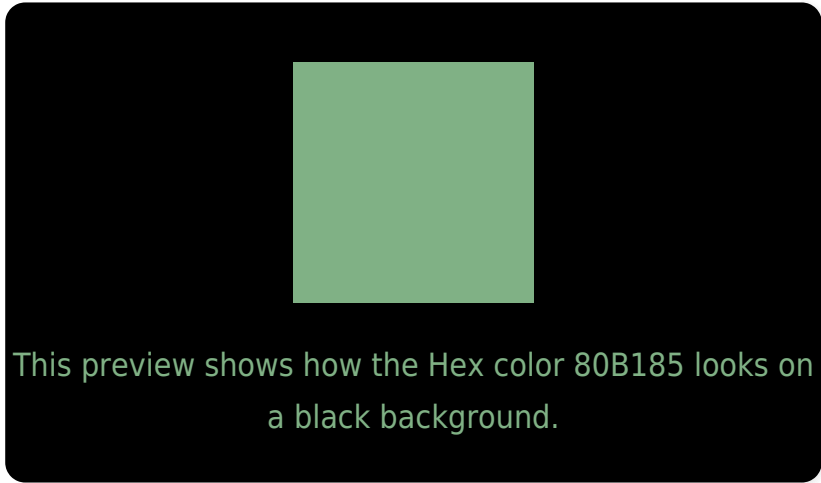
Large Text (above 18pt) WCAG AA × Fail

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

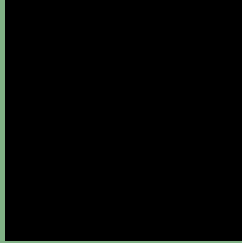
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

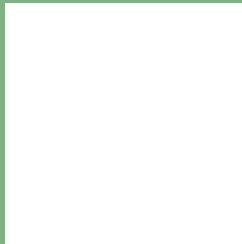
Any Text WCAG AAA ✓ Pass

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

Hex 80B185 Background



This preview shows how black text looks on a background with the Hex color 80B185.

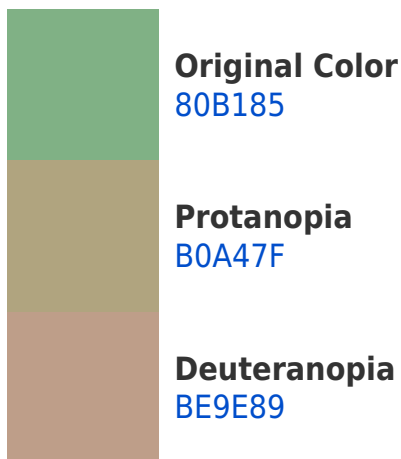


This preview shows how white text looks on a background with the Hex color 80B185.

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](#).

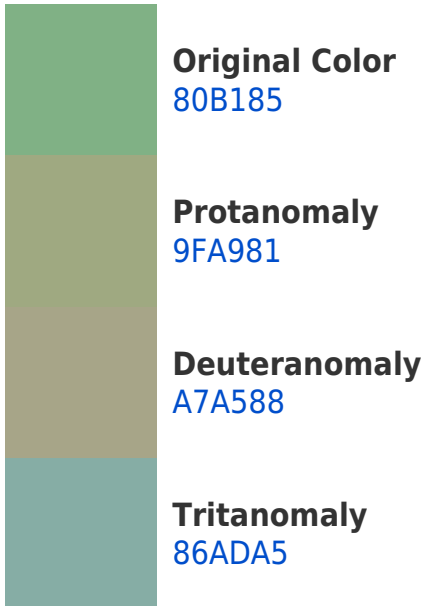
Dichromacy



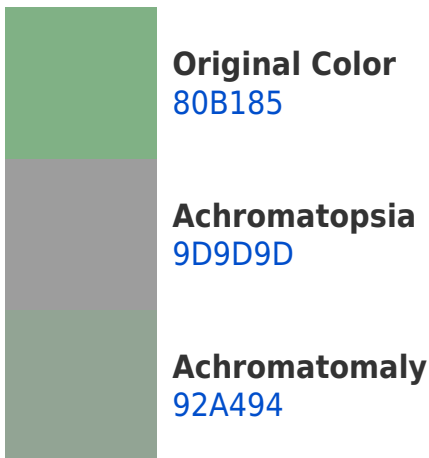


Tritanopia
89AAB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 80B185 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 #80B185 looks like.

```
.text, #text, p{  
    color:#80B185  
}
```

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 #80B185 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80B185
}
```

Border

The CSS property to change the border of an element to Hex 80B185 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
#80B185 }
```

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

```
.border{ border-color:#80B185 }
```

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

Here you see how a box with a 4 pixel #80B185 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80B185; -webkit-box-shadow:4px 4px  
4px 4px #80B185; box-shadow:4px 4px 4px  
4px #80B185 }
```

Background

The CSS property to change the background color of an element to Hex 80B185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80B185 }
```

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

```
.background{ background-color:#80B185 }
```

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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