

Converting Colors

Hex(80B682)

Have a look what the booklet for
Hex(80B682) contains.

Hex(80B682)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(80B682)

Conversions

Conversions Part 1

Format	Color
Hex	80B682
RGB	128, 182, 130
RGB Percent	50%, 71%, 51%
CMY	0.4980, 0.2863, 0.4902
CMYK	0.30, 0.00, 0.29, 0.29
HSL	122°, 27%, 61%
HSV	122°, 30%, 71%
XYZ	29.6593, 39.6568, 27.2104
YIQ	159.9260, -15.4920, -27.6200

Conversions

Conversions Part 2

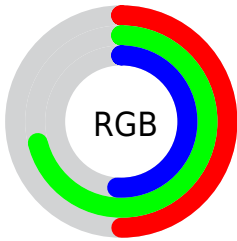
Format	Color
RYB	128, 180, 182
Decimal	8435330
CIELab	69.22, -28.21, 20.96
CIELCh	69, 35.144, 143.382
Yxy	39.6568, 0.3073, 0.4108
Android (android.graphics.Color)	4286625410 (0xFF80B682)
YUV	159.9260, -14.7535, -27.9991
Hunter-Lab	62.9736, -26.1340, 18.4628

Details

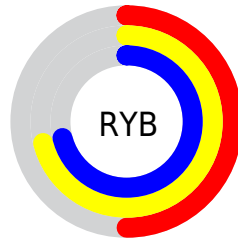
The Hex color **80B682** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **B680B4**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **B6EEB7**, and **4D8150** is the 20% darker color. If you saturate the color by 10%, you get **6EB670**, and if you desaturate by 10%, it is **92B694**.

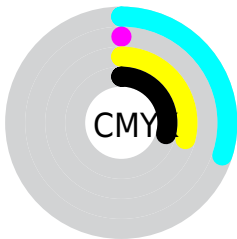
Distribution



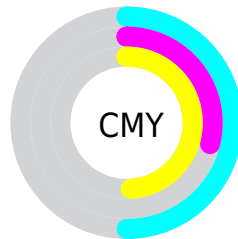
- Red (50%)
- Green (71%)
- Blue (51%)



- Red (50%)
- Yellow (71%)
- Blue (71%)



- Cyan (30%)
- Magenta (0%)
- Yellow (29%)
- Black (29%)



- Cyan (50%)
- Magenta (29%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80B682 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 80B682 by changing the saturation by 10% instead.



80B682



80B682

FFFFFF



669B69



B6EEB7



4D8150



D2FFD3



346739



EFFFEF



1A4F23



00380D



002300



000000



80B682



80B682



6EB670



92B694

 5CB65F

 A4B6A5

 49B64D

 B7B6B7

 37B63C

 C9B6C8

 25B62A

 DBB6DA

 13B619

 EDB6EB

 01B607

 FFB6FD

 00B607

 FFB6FF

Harmonies

Analogous

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



A5AF6E



80B682



58BAA1

Triad

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



80B682



71AEE8



E89291

Complementary

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



80B682



B680B4

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.



E291B1



80B682



A3A3E3

Square

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



80B682



3FB6DB



CB98CF



DD9A77

Rectangle

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



80B682



3EBAB7



CB98CF



E8919C

Sweetspot

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



80B682



D8EDD9



B4B680



6B786B



F7F7F7



787878

Same Dimension

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



80B682



98ED9B



80B69D



535C53



009C06



001C01

Inverse Universe

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



B680B4



ED98EA



B68099



5C535B



9C0096



1C001B

Previews

White Background



This preview shows how the Hex color 80B682 looks on a white background.

Color Contrast Check

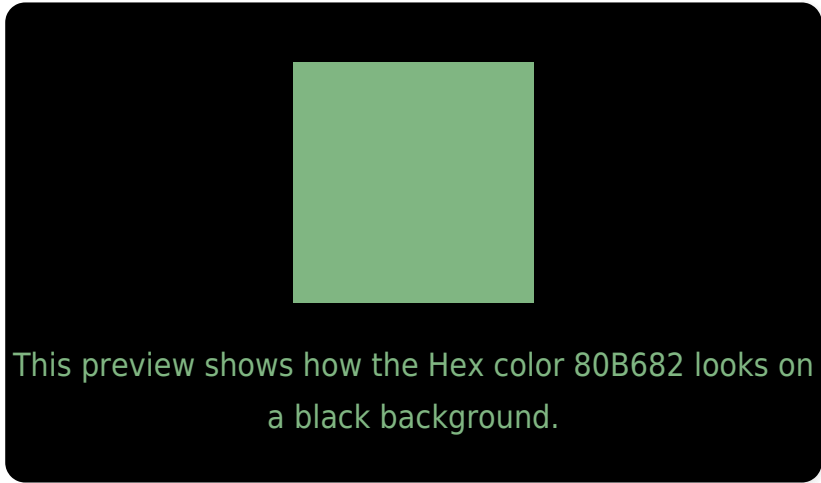
Large Text (above 18pt) WCAG AA × Fail

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

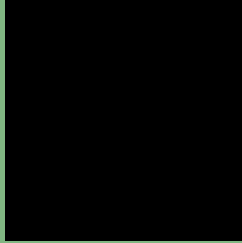
Any Text WCAG AA ✓ Pass

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 80B682 Background



This preview shows how black text looks on a background with the Hex color 80B682.

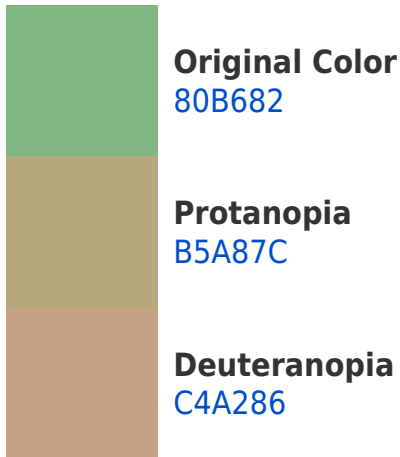


This preview shows how white text looks on a background with the Hex color 80B682.

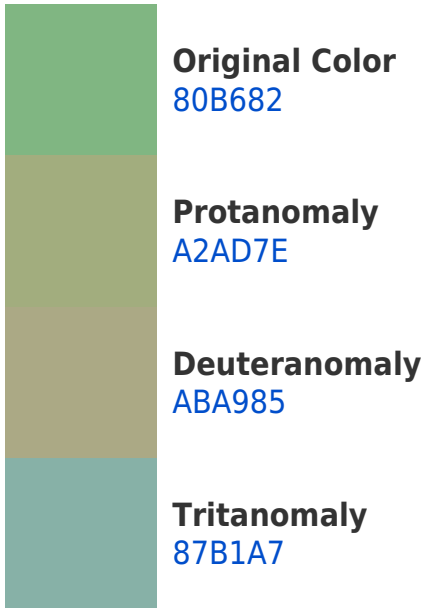
Color Blindness Simulation

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 80B682 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 #80B682 looks like.

```
.text, #text, p{  
    color:#80B682  
}
```

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 #80B682 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80B682
}
```

Border

The CSS property to change the border of an element to Hex 80B682 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
#80B682 }
```

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

```
.border{ border-color:#80B682 }
```

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

Here you see how a box with a 4 pixel #80B682 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80B682; -webkit-box-shadow:4px 4px  
4px 4px #80B682; box-shadow:4px 4px 4px  
4px #80B682 }
```

Background

The CSS property to change the background color of an element to Hex 80B682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80B682 }
```

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

```
.background{ background-color:#80B682 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor