

# Converting Colors

Hex(80B6A2)

Have a look what the booklet for  
Hex(80B6A2) contains.

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# **Color**

**Hex(80B6A2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	80B6A2
RGB	128, 182, 162
RGB Percent	50%, 71%, 64%
CMY	0.4980, 0.2863, 0.3647
CMYK	0.30, 0.00, 0.11, 0.29
HSL	158°, 27%, 61%
HSV	158°, 30%, 71%
XYZ	32.1516, 40.6537, 40.3348
YIQ	163.5740, -25.7640, -17.6680

# Conversions

## Conversions Part 2

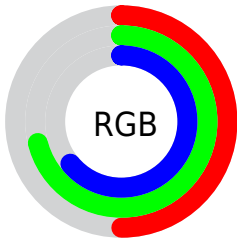
Format	Color
<a href="#">RYB</a>	<a href="#">128, 161, 182</a>
Decimal	<a href="#">8435362</a>
CIELab	<a href="#">69.93, -22.02, 4.52</a>
CIELCh	<a href="#">70, 22.475, 168.394</a>
Yxy	<a href="#">40.6537, 0.2842, 0.3593</a>
Android (android.graphics.Color)	<a href="#">4286625442</a> ( <a href="#">0xFF80B6A2</a> )
YUV	<a href="#">163.5740, -0.7760, -31.1984</a>
Hunter-Lab	<a href="#">63.7603, -21.5704, 7.1253</a>

# Details

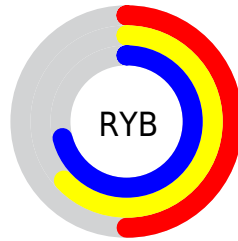
The Hex color **80B6A2** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **B68094**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **B6EED9**, and **4D816E** is the 20% darker color. If you saturate the color by 10%, you get **6EB69B**, and if you desaturate by 10%, it is **92B6A9**.

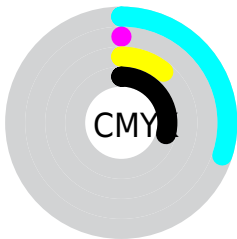
# Distribution



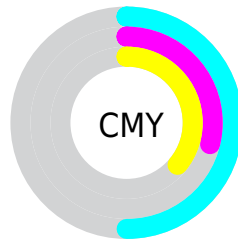
- Red (50%)
- Green (71%)
- Blue (64%)



- Red (50%)
- Yellow (63%)
- Blue (71%)



- Cyan (30%)
- Magenta (0%)
- Yellow (11%)
- Black (29%)



- Cyan (50%)
- Magenta (29%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 80B6A2 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 80B6A2 by changing the saturation by 10% instead.





80B6A2



80B6A2

FFFFFF



669B88



B6EED9



4D816E



D2FFF5



346856



FFFFFF



1A4F3F



003829



002315



000000



80B6A2



80B6A2



6EB69B



92B6A9

 5CB695

 A4B6AF

 49B68E

 B7B6B6

 37B687

 C9B6BD

 25B680

 DBB6C4

 13B67A

 EDB6CA

 01B673

 FFB6D1

 00B673

 FFB6D8

 FFB6DF

# Harmonies

## Analogous

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



96B38F



80B6A2



72B6B7

# Triad

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



80B6A2



A4A8D1



D0A08D

# Complementary

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



80B6A2



B68094

# 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.



D59D9F



80B6A2



BDA2C6

# Square

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



80B6A2



88AFD2



CF9DB4



C2A783

# Rectangle

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



80B6A2



72B5C3



CF9DB4



D39F92

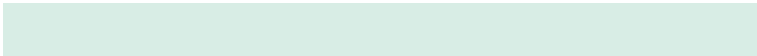


# Sweetspot

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



80B6A2



D8EDE5



95B680



6B7873



F7F7F7



787878



# Same Dimension

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



80B6A2



98EDCE



80B0B6



535C58



009C62



001C12



# Inverse Universe

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



B68094



ED98B7



B68680



5C5356



9C003A



1C000A



# Previews

## White Background



This preview shows how the Hex color 80B6A2 looks on a white background.

## Color Contrast Check

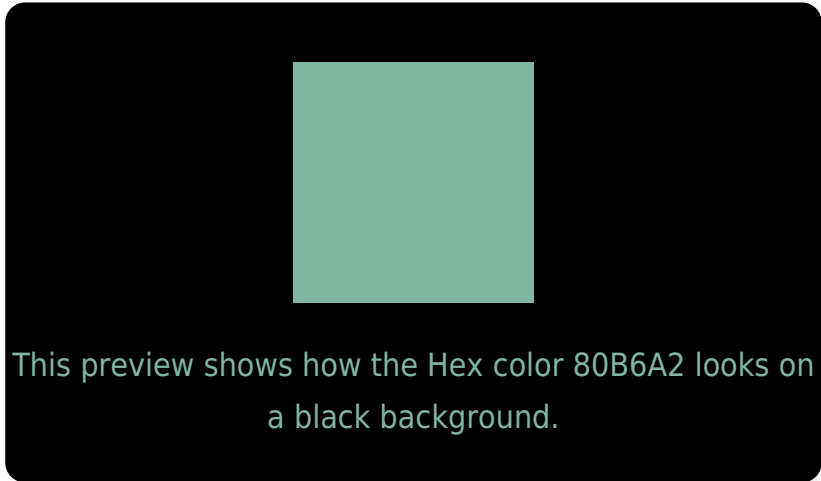
Large Text (above 18pt) WCAG AA × Fail

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

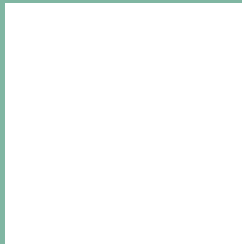
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 80B6A2 Background



This preview shows how black text looks on a background with the Hex color 80B6A2.

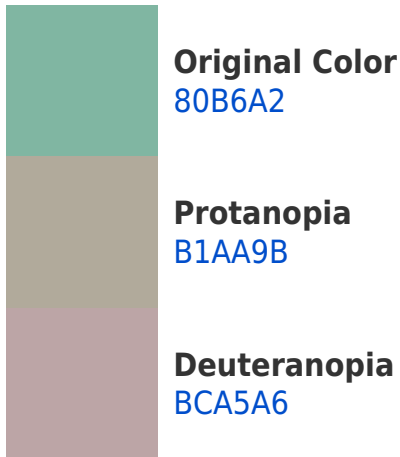


This preview shows how white text looks on a background with the Hex color 80B6A2.

# 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**  
86B2C0

# Trichromacy



**Original Color**  
80B6A2

**Protanomaly**  
9FAE9E

**Deuteranomaly**  
A6ABA5

**Tritanomaly**  
84B3B5

# Monochromacy



**Original Color**  
80B6A2

**Achromatopsia**  
A4A4A4

**Achromatomaly**  
97ABA3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 80B6A2 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 #80B6A2 looks like.

```
.text, #text, p{  
    color:#80B6A2  
}
```

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 #80B6A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80B6A2
}
```

## Border

The CSS property to change the border of an element to Hex 80B6A2 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
#80B6A2 }
```

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

```
.border{ border-color:#80B6A2 }
```

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

Here you see how a box with a 4 pixel #80B6A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80B6A2; -webkit-box-shadow:4px 4px  
4px 4px #80B6A2; box-shadow:4px 4px 4px  
4px #80B6A2 }
```

# Background

The CSS property to change the background color of an element to Hex 80B6A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80B6A2 }
```

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

```
.background{ background-color:#80B6A2 }
```

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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