

Converting Colors

Hex(80BFA0)

Have a look what the booklet for
Hex(80BFA0) contains.

| | |
|--|----|
| Hex(80BFA0) | 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(80BFA0)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 80BFA0 |
| RGB | 128, 191, 160 |
| RGB Percent | 50%, 75%, 63% |
| CMY | 0.4980, 0.2510, 0.3725 |
| CMYK | 0.33, 0.00, 0.16, 0.25 |
| HSL | 150°, 33%, 63% |
| HSV | 150°, 33%, 75% |
| XYZ | 33.8781, 44.3889, 40.0401 |
| YIQ | 168.6290, -27.5970, -22.9970 |

Conversions

Conversions Part 2

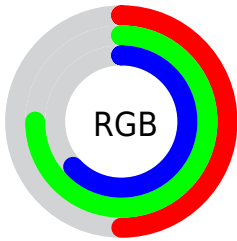
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 128, 170, 191 |
| Decimal | 8437664 |
| CIELab | 72.49, -26.90, 9.28 |
| CIELCh | 72, 28.456, 160.972 |
| Yxy | 44.3889, 0.2864, 0.3752 |
| Android (android.graphics.Color) | 4286627744 (0xFF80BFA0) |
| YUV | 168.6290, -4.2541, -35.6316 |
| Hunter-Lab | 66.6250, -25.8284, 11.0056 |

Details

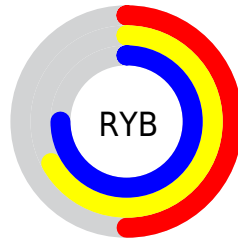
The Hex color **80BFA0** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **BF809F**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **B6F8D7**, and **4C896D** is the 20% darker color. If you saturate the color by 10%, you get **6DBF97**, and if you desaturate by 10%, it is **93BFA9**.

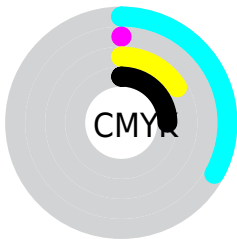
Distribution



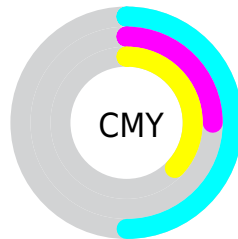
- Red (50%)
- Green (75%)
- Blue (63%)



- Red (50%)
- Yellow (67%)
- Blue (75%)



- Cyan (33%)
- Magenta (0%)
- Yellow (16%)
- Black (25%)



- Cyan (50%)
- Magenta (25%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80BFA0 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 80BFA0 by changing the saturation by 10% instead.



80BFA0



80BFA0

FFFFFF



66A486



B6F8D7



4C896D



D3FFF3



327054



FFFFFF



17573D



003F27



002913



001000



000000



80BFA0



80BFA0

 6DBF97

 93BFA9

 5ABF8D

 A6BFB3

 47BF84

 B9BFBC

 34BF7A

 CCBFC6

 21BF71

 E0BFCF

 0DBF68

 F3BFD8

 00BF61

 FFBFE2

 FFBFEB

 FFBFF5

Harmonies

Analogous

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



9EBA8A



80BFA0



68C0BB

Triad

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



80BFA0



9FB1E5



E3A391

Complementary

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



80BFA0



BF809F

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.



E69FA9



80BFA0



C2A8D9

Square

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



80BFA0



7AB9E2



DBA1C3



D3AA81

Rectangle

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



80BFA0



62BFCC



DBA1C3



E5A198

Sweetspot

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



80BFA0



DFF7EB



A0BF80



6E7D76



FCFCFC



7D7D7D

Same Dimension

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



80BFA0



94F7C7



80BFBF



555E5A



009E50



001F10

Inverse Universe

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



BF809F



F794C5



BF8080



5E555A



9E004E



1F000F

Previews

White Background



This preview shows how the Hex color 80BFA0 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



This preview shows how the Hex color 80BFA0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

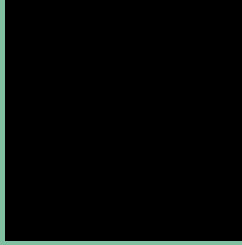
Any Text WCAG AA ✓ Pass

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 80BFA0 Background



This preview shows how black text looks on a background with the Hex color 80BFA0.

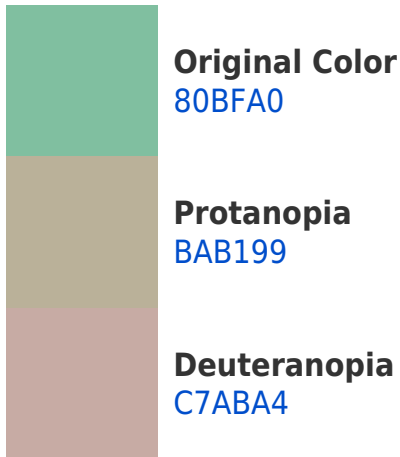


This preview shows how white text looks on a background with the Hex color 80BFA0.

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](#).

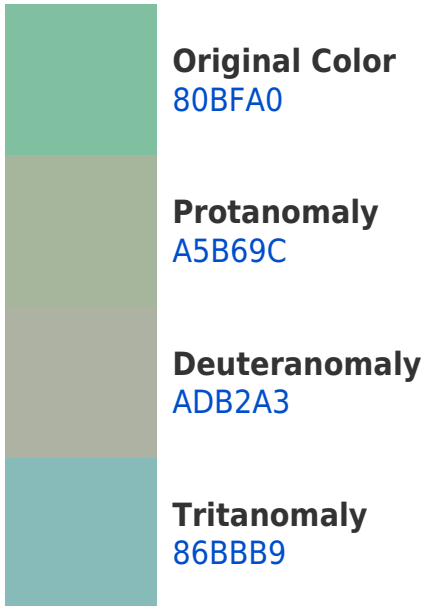
Dichromacy



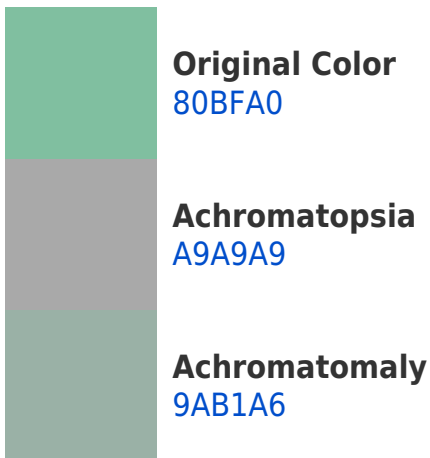


Tritanopia
89B9C8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 80BFA0 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 #80BFA0 looks like.

```
.text, #text, p{  
    color:#80BFA0  
}
```

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 #80BFA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80BFA0
}
```

Border

The CSS property to change the border of an element to Hex 80BFA0 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
#80BFA0 }
```

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

```
.border{ border-color:#80BFA0 }
```

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

Here you see how a box with a 4 pixel #80BFA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80BFA0; -webkit-box-shadow:4px 4px  
4px 4px #80BFA0; box-shadow:4px 4px 4px  
4px #80BFA0 }
```

Background

The CSS property to change the background color of an element to Hex 80BFA0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80BFA0 }
```

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

```
.background{ background-color:#80BFA0 }
```

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