

Converting Colors

Hex(80BA7F)

Have a look what the booklet for
Hex(80BA7F) contains.

Hex(80BA7F)	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(80BA7F)

Conversions

Conversions Part 1

Format	Color
Hex	80BA7F
RGB	128, 186, 127
RGB Percent	50%, 73%, 50%
CMY	0.4980, 0.2706, 0.5020
CMYK	0.31, 0.00, 0.32, 0.27
HSL	119°, 30%, 61%
HSV	119°, 32%, 73%
XYZ	30.2918, 41.2393, 26.4421
YIQ	161.9320, -15.6290, -30.6450

Conversions

Conversions Part 2

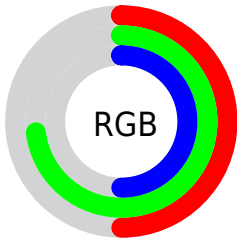
Format	Color
RYB	127, 186, 185
Decimal	8436351
CIELab	70.34, -30.64, 24.09
CIELCh	70, 38.973, 141.823
Yxy	41.2393, 0.3092, 0.4209
Android (android.graphics.Color)	4286626431 (0xFF80BA7F)
YUV	161.9320, -17.2215, -29.7584
Hunter-Lab	64.2178, -28.1822, 20.5394

Details

The Hex color **80BA7F** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **B97FBA**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **B6F2B4**, and **4C844D** is the 20% darker color. If you saturate the color by 10%, you get **6EBA6C**, and if you desaturate by 10%, it is **92BA92**.

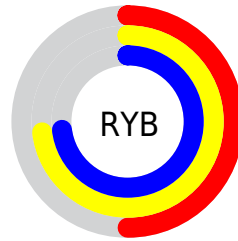
Distribution



Red (50%)

Green (73%)

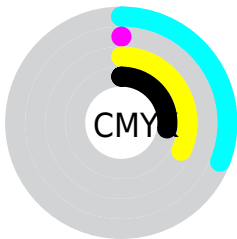
Blue (50%)



Red (50%)

Yellow (73%)

Blue (73%)

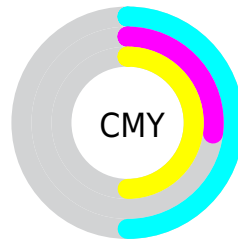


Cyan (31%)

Magenta (0%)

Yellow (32%)

Black (27%)



Cyan (50%)

Magenta (27%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80BA7F 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 80BA7F by changing the saturation by 10% instead.

 80BA7F

 80BA7F

FFFFFF

 669F66

 B6F2B4

 4C844D

 D3FFD0

 336B36

 EFFFEC

 18521F

 003B09

 002500

 000200

 000000

 80BA7F

 80BA7F

 6EBA6C

 92BA92

 5BBA5A

 A5BAA4

 49BA47

 B7BAB7

 37BA35

 C9BAC9

 25BA22

 DBBADC

 12BA0F

 EEBAEF

 03BA00

 FFBAFF

Harmonies

Analogous

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



A9B269



80BA7F



50BEA1

Triad

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



80BA7F



66B2F2



F19293

Complementary

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



80BA7F



B97FBA

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.



EA91B7



80BA7F



A2A6EE

Square

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



80BA7F



1EBBE3



CF9AD8



E59A76

Rectangle

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



80BA7F



29BFB9



CF9AD8



F1909F

Sweetspot

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



80BA7F



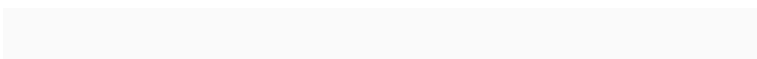
DAF2DA



BAB87F



6C7A6C



FAFAFA



7A7A7A

Same Dimension

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



80BA7F



98F296



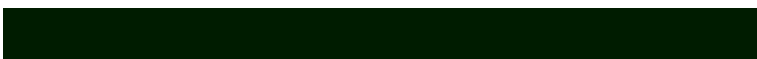
7FBA9B



535C53



039C00



001C00

Inverse Universe

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



B97FBA



F196F2



BA7F9E



5C535C



99009C



1C001C

Previews

White Background



This preview shows how the Hex color 80BA7F looks on a white background.

Color Contrast Check

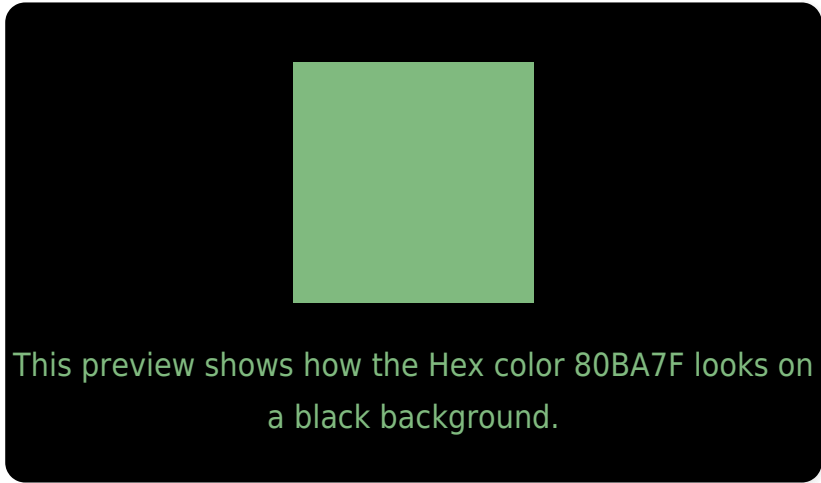
Large Text (above 18pt) WCAG AA × Fail

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

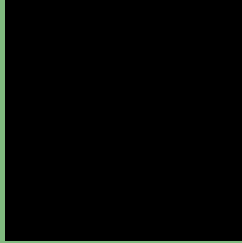
Any Text WCAG AA ✓ Pass

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 80BA7F Background



This preview shows how black text looks on a background with the Hex color 80BA7F.

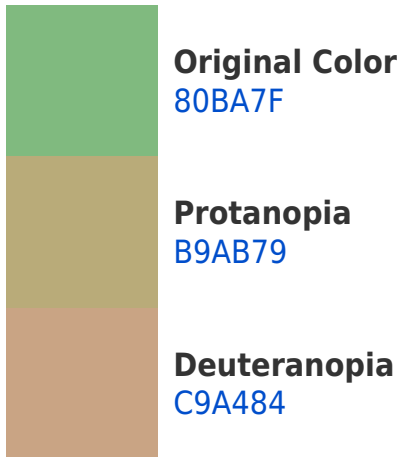


This preview shows how white text looks on a background with the Hex color 80BA7F.

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](#).

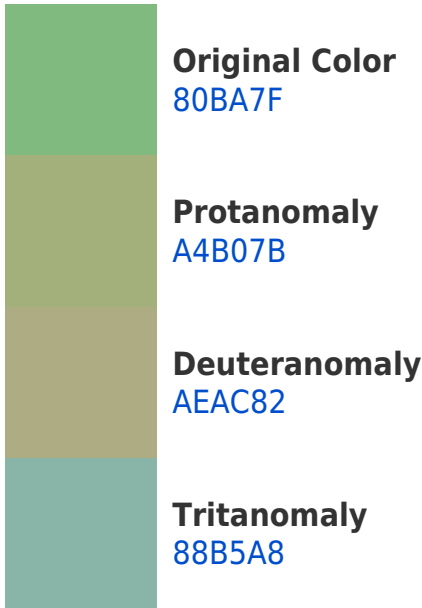
Dichromacy



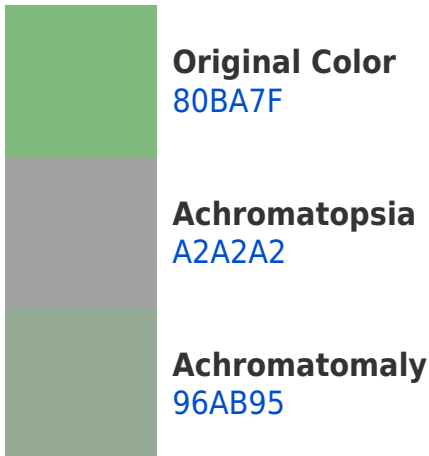


Tritanopia
8CB2C0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 80BA7F 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 #80BA7F looks like.

```
.text, #text, p{  
    color:#80BA7F  
}
```

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 #80BA7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80BA7F
}
```

Border

The CSS property to change the border of an element to Hex 80BA7F 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
#80BA7F }
```

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

```
.border{ border-color:#80BA7F }
```

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

Here you see how a box with a 4 pixel #80BA7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80BA7F; -webkit-box-shadow:4px 4px  
4px 4px #80BA7F; box-shadow:4px 4px 4px  
4px #80BA7F }
```

Background

The CSS property to change the background color of an element to Hex 80BA7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80BA7F }
```

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

```
.background{ background-color:#80BA7F }
```

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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