

# Converting Colors

Hex(80BEA4)

Have a look what the booklet for  
Hex(80BEA4) contains.

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# Color

**Hex(80BEA4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	80BEA4
RGB	128, 190, 164
RGB Percent	50%, 75%, 64%
CMY	0.4980, 0.2549, 0.3569
CMYK	0.33, 0.00, 0.14, 0.25
HSL	155°, 32%, 62%
HSV	155°, 33%, 75%
XYZ	34.0164, 44.0964, 41.8406
YIQ	168.4980, -28.6060, -21.2300

# Conversions

## Conversions Part 2

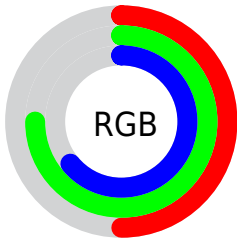
Format	Color
<a href="#">RYB</a>	<a href="#">128, 167, 190</a>
Decimal	<a href="#">8437412</a>
CIELab	<a href="#">72.29, -25.58, 6.83</a>
CIElCh	<a href="#">72, 26.475, 165.060</a>
Yxy	<a href="#">44.0964, 0.2836, 0.3676</a>
Android (android.graphics.Color)	<a href="#">4286627492 (0xFF80BEA4)</a>
YUV	<a href="#">168.4980, -2.2175, -35.5167</a>
Hunter-Lab	<a href="#">66.4052, -24.7715, 9.1262</a>

# Details

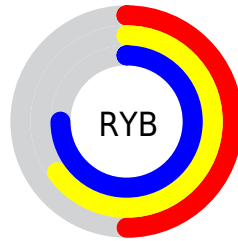
The Hex color **80BEA4** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **BE809A**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **B6F7DB**, and **4C8870** is the 20% darker color. If you saturate the color by 10%, you get **6DBE9C**, and if you desaturate by 10%, it is **93BEAC**.

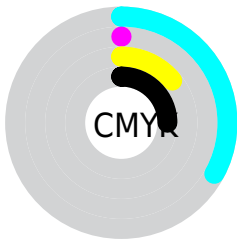
# Distribution



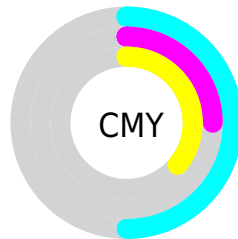
- Red (50%)
- Green (75%)
- Blue (64%)



- Red (50%)
- Yellow (65%)
- Blue (75%)



- Cyan (33%)
- Magenta (0%)
- Yellow (14%)
- Black (25%)



- Cyan (50%)
- Magenta (25%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 80BEA4 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 80BEA4 by changing the saturation by 10% instead.





80BEA4



80BEA4

FFFFFF



66A38A



B6F7DB



4C8870



D3FFF7



326F58



FFFFFF



175641



003E2B



002816



000F00



000000



80BEA4



80BEA4

 6DBE9C

 93BEAC

 5ABE94

 A6BEB4

 47BE8C

 B9BEBC

 34BE84

 CCBEC4

 21BE7C

 DFBECC

 0EBE74

 F2BED4

 00BE6E

 FFBEDC

 FFBEE4

 FFBEEC

# Harmonies

## Analogous

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



9BBA8F



80BEA4



6CBFBD

# Triad

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



80BEA4



A5AFE0



DEA490

# Complementary

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



80BEA4



BE809A

# 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.



E3A0A6



80BEA4



C4A7D4

# Square

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



80BEA4



83B7DF



DAA1BE



CEAC83

# Rectangle

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



80BEA4



6ABECC



DAA1BE



E1A297



# Sweetspot

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



80BEA4



DFF7ED



9BBE80



6E7D77



FCFCFC



7D7D7D



# Same Dimension

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



80BEA4



97F7CF



80BABE



555E5A



009E5C



001F12



# Inverse Universe

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



BE809A



F797BF



BE8480



5E5559



9E0042

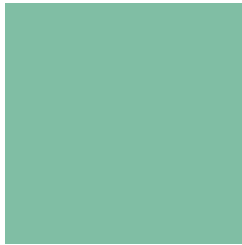


1F000D



# Previews

## White Background



This preview shows how the Hex color 80BEA4 looks on a white background.

## Color Contrast Check

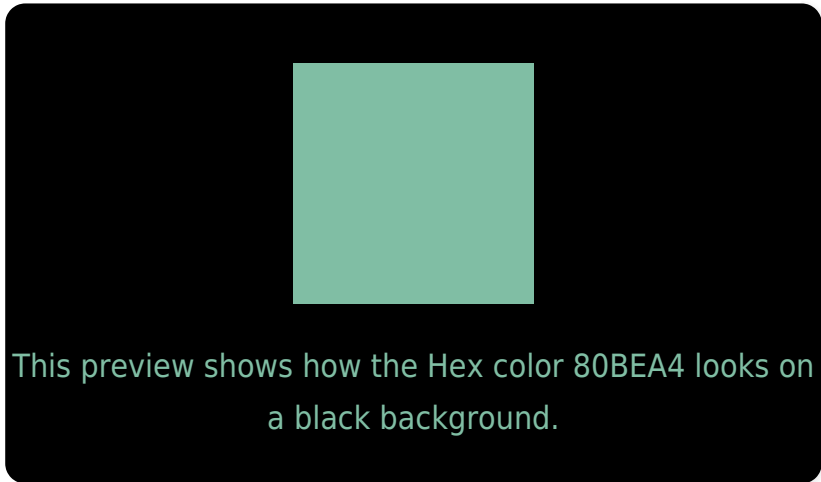
Large Text (above 18pt) WCAG AA × Fail

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

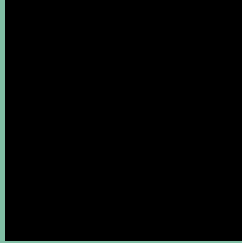
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 80BEA4 Background



This preview shows how black text looks on a background with the Hex color 80BEA4.



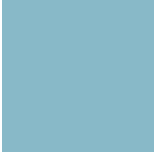
This preview shows how white text looks on a background with the Hex color 80BEA4.

# 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](#).

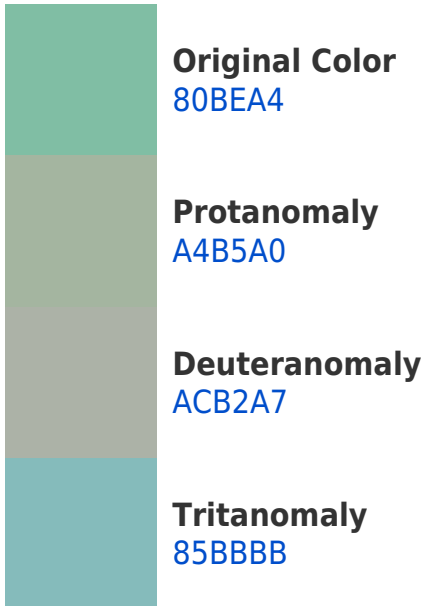
## Dichromacy





**Tritanopia**  
88B9C8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 80BEA4 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 #80BEA4 looks like.

```
.text, #text, p{  
    color:#80BEA4  
}
```

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 #80BEA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80BEA4  
}
```

## Border

The CSS property to change the border of an element to Hex 80BEA4 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  
#80BEA4 }
```

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

```
.border{ border-color:#80BEA4 }
```

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

Here you see how a box with a 4 pixel #80BEA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80BEA4; -webkit-box-shadow:4px 4px  
4px 4px #80BEA4; box-shadow:4px 4px 4px  
4px #80BEA4 }
```

# Background

The CSS property to change the background color of an element to Hex 80BEA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80BEA4 }
```

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

```
.background{ background-color:#80BEA4 }
```

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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