

# Converting Colors

Hex(80C980)

Have a look what the booklet for  
Hex(80C980) contains.

<b>Hex(80C980)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(80C980)**

# Conversions

## Conversions Part 1

Format	Color
Hex	80C980
RGB	128, 201, 128
RGB Percent	50%, 79%, 50%
CMY	0.4980, 0.2118, 0.4980
CMYK	0.36, 0.00, 0.36, 0.21
HSL	120°, 40%, 65%
HSV	120°, 36%, 79%
XYZ	33.6850, 47.9210, 27.8964
YIQ	170.8510, -20.0750, -38.1790

# Conversions

## Conversions Part 2

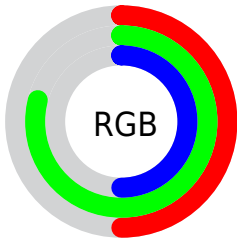
<b>Format</b>	<b>Color</b>
<b>RYB</b>	128, 201, 201
Decimal	8440192
CIELab	74.78, -37.44, 29.48
CIElCh	75, 47.651, 141.777
Yxy	47.9210, 0.3076, 0.4376
Android (android.graphics.Color)	4286630272 (0xFF80C980)
YUV	170.8510, -21.1255, -37.5803
Hunter-Lab	69.2250, -34.2853, 24.5647

# Details

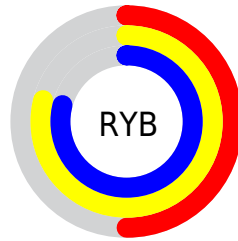
The Hex color **80C980** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **C980C9**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **B7FFB5**, and **4B924E** is the 20% darker color. If you saturate the color by 10%, you get **6CC96C**, and if you desaturate by 10%, it is **94C994**.

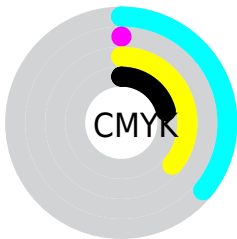
# Distribution



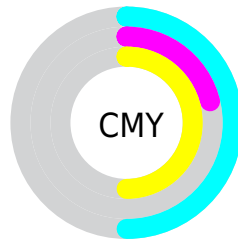
- Red (50%)
- Green (79%)
- Blue (50%)



- Red (50%)
- Yellow (79%)
- Blue (79%)



- Cyan (36%)
- Magenta (0%)
- Yellow (36%)
- Black (21%)



- Cyan (50%)
- Magenta (21%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 80C980 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 80C980 by changing the saturation by 10% instead.



 80C980

 80C980

FFFFFF

 65AD66

 B7FFB5

 4B924E

 D4FFD1

 2F7836

 F1FFEE

 0F5F1F

 004707

 002F00

 001900

 000000

 80C980

 80C980

 6CC96C

 94C994

 58C958

 A8C9A8

 44C944

 BCC9BC

 30C930

 D0C9D0

 1CC91C

 E5C9E5

 07C907

 F9C9F9

 00C900

 FFC9FF

# Harmonies

## Analogous

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



B3BF64



80C980



38CEAA

# Triad

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



80C980



55C0FF



FF969A

# Complementary

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



80C980



C980C9

# 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.



FF95C6



80C980



AAB1FF

# Square

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



80C980



00CAFC



E3A1EF



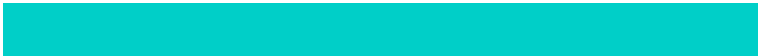
FDA275

# Rectangle

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



80C980



00CFC8



E3A1EF



FF94A8

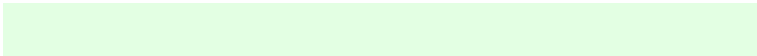


# Sweetspot

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



80C980



E3FFE3



C9C980



6F806F



000000



808080



# Same Dimension

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



80C980



8FFF8F



80C9A5



5A635A



00A300



002400



# Inverse Universe

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



C980C9



FF8FFF



C980A5



635A63



A300A3



240024



# Previews

## White Background



This preview shows how the Hex color 80C980 looks on a white background.

## Color Contrast Check

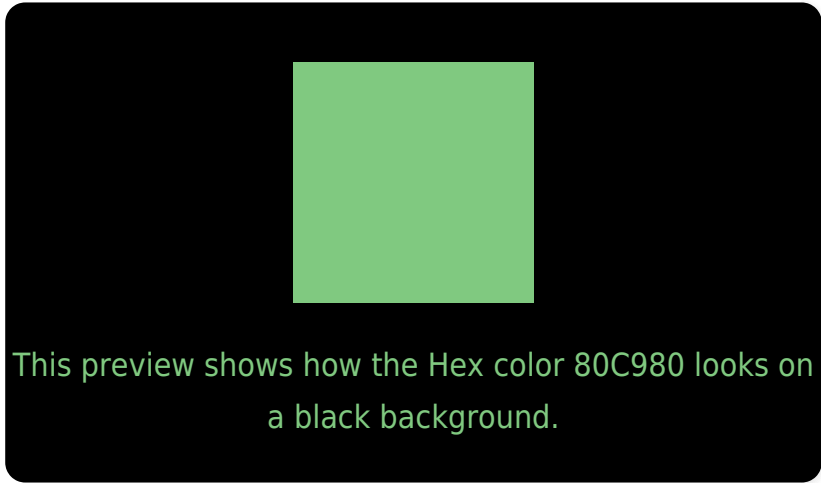
Large Text (above 18pt) WCAG AA × Fail

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

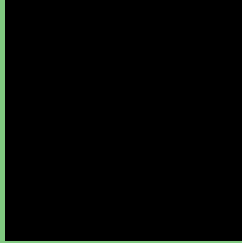
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 80C980 Background



This preview shows how black text looks on a background with the Hex color 80C980.

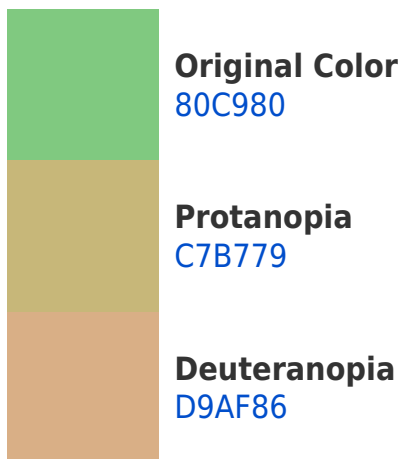


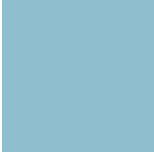
This preview shows how white text looks on a background with the Hex color 80C980.

# 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**  
8FBFCF

# Trichromacy



**Original Color**  
80C980



**Protanomaly**  
ADBE7C



**Deuteranomaly**  
B9B884



**Tritanomaly**  
8AC3B2

# Monochromacy



**Original Color**  
80C980



**Achromatopsia**  
ABABAB



**Achromatomaly**  
9BB69B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 80C980 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 #80C980 looks like.

```
.text, #text, p{  
    color:#80C980  
}
```

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 #80C980 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80C980
}
```

## Border

The CSS property to change the border of an element to Hex 80C980 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
#80C980 }
```

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

```
.border{ border-color:#80C980 }
```

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

Here you see how a box with a 4 pixel #80C980 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80C980; -webkit-box-shadow:4px 4px  
4px 4px #80C980; box-shadow:4px 4px 4px  
4px #80C980 }
```

# Background

The CSS property to change the background color of an element to Hex 80C980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80C980 }
```

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

```
.background{ background-color:#80C980 }
```

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