

# Converting Colors

Hex(80C5B8)

Have a look what the booklet for  
Hex(80C5B8) contains.

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# Color

**Hex(80C5B8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	80C5B8
RGB	128, 197, 184
RGB Percent	50%, 77%, 72%
CMY	0.4980, 0.2275, 0.2784
CMYK	0.35, 0.00, 0.07, 0.23
HSL	169°, 37%, 64%
HSV	169°, 35%, 77%
XYZ	37.5201, 47.9824, 52.6314
YIQ	174.8870, -36.9510, -18.6710

# Conversions

## Conversions Part 2

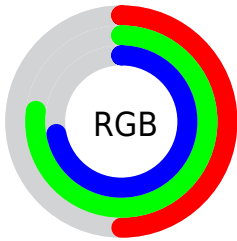
<b>Format</b>	<b>Color</b>
<b>RYB</b>	128, 166, 197
Decimal	8439224
CIELab	74.81, -24.65, -0.39
CIELCh	75, 24.657, 180.896
Yxy	47.9824, 0.2716, 0.3474
Android (android.graphics.Color)	4286629304 (0xFF80C5B8)
YUV	174.8870, 4.4927, -41.1199
Hunter-Lab	69.2693, -24.5359, 3.4395

# Details

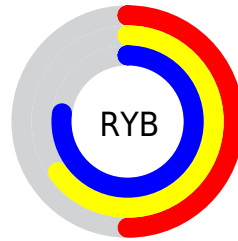
The Hex color **80C5B8** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **C5808D**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **B7FEF0**, and **4B8F83** is the 20% darker color. If you saturate the color by 10%, you get **6CC5B4**, and if you desaturate by 10%, it is **94C5BC**.

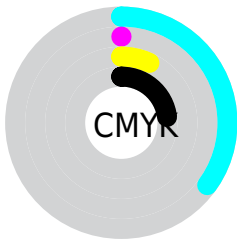
# Distribution



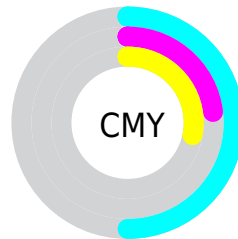
- Red (50%)
- Green (77%)
- Blue (72%)



- Red (50%)
- Yellow (65%)
- Blue (77%)



- Cyan (35%)
- Magenta (0%)
- Yellow (7%)
- Black (23%)



- Cyan (50%)
- Magenta (23%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 80C5B8 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 80C5B8 by changing the saturation by 10% instead.



 80C5B8

 80C5B8

FFFFFF

 65AA9D


 B7FEF0

 4B8F83

 D4FFFF

 30756A

 F1FFFF

 115C52

 00443B

 002D25

 001A10

 000000

 80C5B8

 80C5B8

 6CC5B4

 94C5BC

 59C5B1

 A7C5BF

 45C5AD

 BBC5C3

 31C5A9

 CFC5C7

 1DC5A5

 E3C5CB

 0AC5A2

 F6C5CE

 00C5A0

 FFC5D2

 FFC5D6

 FFC5D9

# Harmonies

## Analogous

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



96C3A1



80C5B8



77C4CF

# Triad

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



80C5B8



BDB2DF



DCAF91

# Complementary

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



80C5B8



C5808D

# 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.



E6AAA2



80C5B8



D6ABCF

# Square

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



80C5B8



9EBAE5



E4A8B8



C8B78B

# Rectangle

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



80C5B8



7CC2DB



E4A8B8



E0AD96



# Sweetspot

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



80C5B8



E3FFFA



8EC580



6F807C



000000



808080

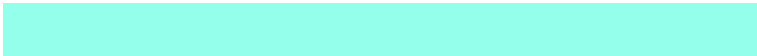


# Same Dimension

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



80C5B8



94FFEB



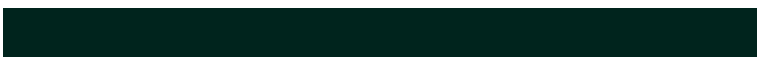
80B0C5



5A6362



00A384



00241D



# Inverse Universe

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



C5808D



FF94A8



C59580



635A5B



A3001F

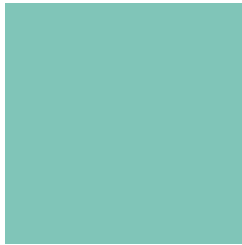


240007



# Previews

## White Background



This preview shows how the Hex color 80C5B8 looks on a white background.

## Color Contrast Check

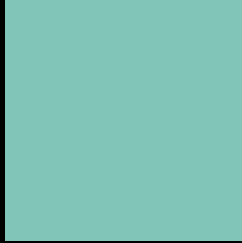
Large Text (above 18pt) WCAG AA × Fail

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 80C5B8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

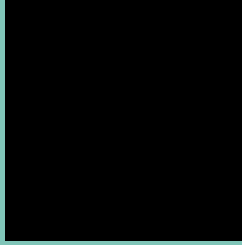
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

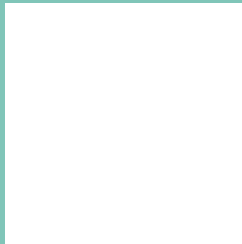
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 80C5B8 Background



This preview shows how black text looks on a background with the Hex color 80C5B8.



This preview shows how white text looks on a background with the Hex color 80C5B8.

# 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**  
86C1D1

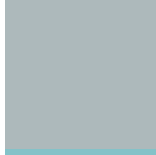
# Trichromacy



**Original Color**  
80C5B8



**Protanomaly**  
A6BCB3



**Deuteranomaly**  
ADB9BB



**Tritanomaly**  
84C2C8

# Monochromacy



**Original Color**  
80C5B8



**Achromatopsia**  
AFAFAF



**Achromatomaly**  
9EB7B2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 80C5B8 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 #80C5B8 looks like.

```
.text, #text, p{  
    color:#80C5B8  
}
```

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 #80C5B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80C5B8
}
```

## Border

The CSS property to change the border of an element to Hex 80C5B8 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
#80C5B8 }
```

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

```
.border{ border-color:#80C5B8 }
```

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

Here you see how a box with a 4 pixel #80C5B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80C5B8; -webkit-box-shadow:4px 4px  
4px 4px #80C5B8; box-shadow:4px 4px 4px  
4px #80C5B8 }
```

# Background

The CSS property to change the background color of an element to Hex 80C5B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80C5B8 }
```

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

```
.background{ background-color:#80C5B8 }
```

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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