

Converting Colors

Hex(80C3C2)

Have a look what the booklet for
Hex(80C3C2) contains.

Hex(80C3C2)	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(80C3C2)

Conversions

Conversions Part 1

Format	Color
Hex	80C3C2
RGB	128, 195, 194
RGB Percent	50%, 76%, 76%
CMY	0.4980, 0.2353, 0.2392
CMYK	0.34, 0.00, 0.01, 0.24
HSL	179°, 36%, 63%
HSV	179°, 34%, 76%
XYZ	38.1548, 47.5144, 58.1992
YIQ	174.8530, -39.6110, -14.5150

Conversions

Conversions Part 2

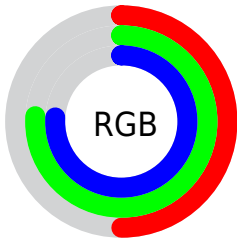
Format	Color
RYB	128, 162, 195
Decimal	8438722
CIELab	74.52, -21.32, -6.25
CIElCh	75, 22.217, 196.330
Yxy	47.5144, 0.2652, 0.3303
Android (android.graphics.Color)	4286628802 (0xFF80C3C2)
YUV	174.8530, 9.4395, -41.0901
Hunter-Lab	68.9307, -21.8248, -1.8079

Details

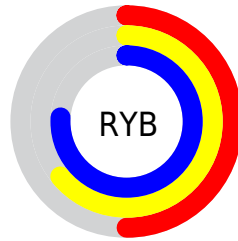
The Hex color **80C3C2** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C38081**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **B7FCFA**, and **4A8D8C** is the 20% darker color. If you saturate the color by 10%, you get **6DC3C2**, and if you desaturate by 10%, it is **94C3C2**.

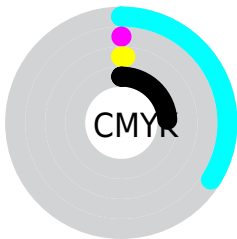
Distribution



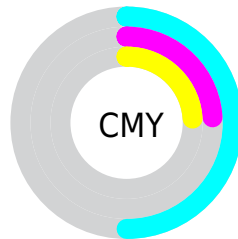
- Red (50%)
- Green (76%)
- Blue (76%)



- Red (50%)
- Yellow (64%)
- Blue (76%)



- Cyan (34%)
- Magenta (0%)
- Yellow (1%)
- Black (24%)



- Cyan (50%)
- Magenta (24%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80C3C2 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 80C3C2 by changing the saturation by 10% instead.



80C3C2



80C3C2

FFFFFF



65A8A7



B7FCFA



4A8D8C



D4FFFF



2F7373



F1FFFF



0F5B5A



004343



002C2D



001918



000000



80C3C2



80C3C2

 6DC3C2

 94C3C2

 59C3C1

 A7C3C3

 46C3C1

 BBC3C3

 32C3C1

 CEC3C3

 1FC3C1

 E2C3C3

 0BC3C0

 F5C3C4

 00C3C0

 FFC3C4

 FFC3C5

Harmonies

Analogous

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



8EC2AD



80C3C2



81C1D4

Triad

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



80C3C2



C8AED4



D0B390

Complementary

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



80C3C2



C38081

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.



DDAD9B



80C3C2



DBAAC2

Square

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



80C3C2



AEB5DE



E2A9AD



BBBA90

Rectangle

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



80C3C2



8CBEDC



E2A9AD



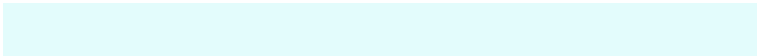
D5B193

Sweetspot

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



80C3C2



E3FCFC



81C380



70807F



000000



808080

Same Dimension

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



80C3C2



95FCFB



80A3C3



576161



00A19E



002121

Inverse Universe

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



C38081



FC9596



C3A080



615757



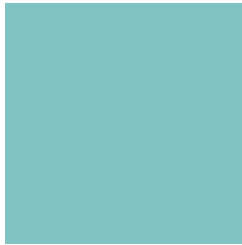
A10002



210000

Previews

White Background



This preview shows how the Hex color 80C3C2 looks on a white background.

Color Contrast Check

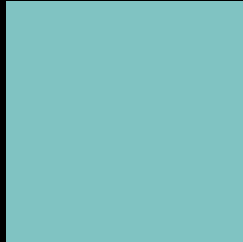
Large Text (above 18pt) WCAG AA × Fail

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 80C3C2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

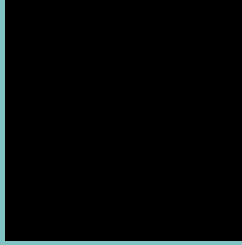
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

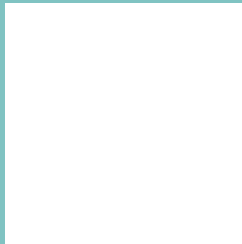
Any Text WCAG AAA ✓ Pass

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

Hex 80C3C2 Background



This preview shows how black text looks on a background with the Hex color 80C3C2.



This preview shows how white text looks on a background with the Hex color 80C3C2.

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](#).

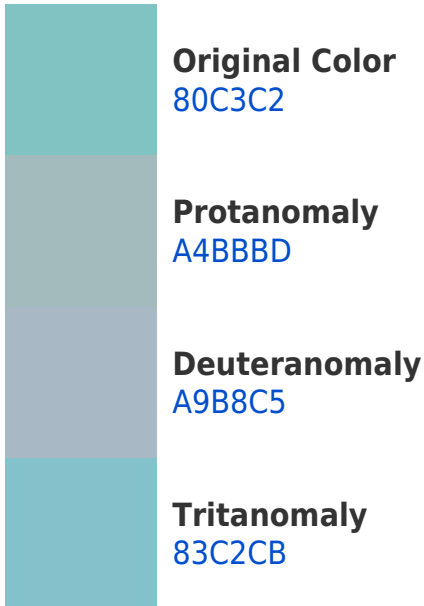
Dichromacy



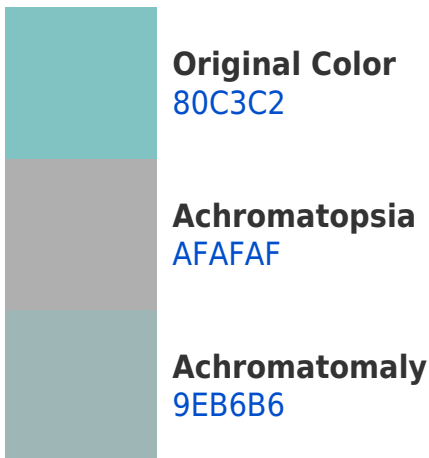


Tritanopia
84C1D0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 80C3C2 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 #80C3C2 looks like.

```
.text, #text, p{  
    color:#80C3C2  
}
```

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 #80C3C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80C3C2
}
```

Border

The CSS property to change the border of an element to Hex 80C3C2 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
#80C3C2 }
```

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

```
.border{ border-color:#80C3C2 }
```

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

Here you see how a box with a 4 pixel #80C3C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80C3C2; -webkit-box-shadow:4px 4px  
4px 4px #80C3C2; box-shadow:4px 4px 4px  
4px #80C3C2 }
```

Background

The CSS property to change the background color of an element to Hex 80C3C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80C3C2 }
```

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

```
.background{ background-color:#80C3C2 }
```

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