

Converting Colors

Hex(80CABC)

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

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Color

Hex(80CABC)

Conversions

Conversions Part 1

Format	Color
Hex	80CABC
RGB	128, 202, 188
RGB Percent	50%, 79%, 74%
CMY	0.4980, 0.2078, 0.2627
CMYK	0.37, 0.00, 0.07, 0.21
HSL	169°, 41%, 65%
HSV	169°, 37%, 79%
XYZ	39.0997, 50.4611, 55.2561
YIQ	178.2780, -39.6100, -20.0420

Conversions

Conversions Part 2

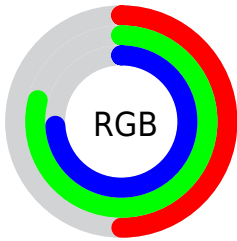
Format	Color
RYB	128, 169, 202
Decimal	8440508
CIELab	76.35, -26.20, -0.30
CIElCh	76, 26.206, 180.659
Yxy	50.4611, 0.2700, 0.3484
Android (android.graphics.Color)	4286630588 (0xFF80CABC)
YUV	178.2780, 4.7929, -44.0938
Hunter-Lab	71.0360, -26.0627, 3.6058

Details

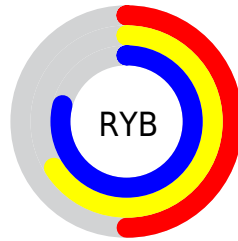
The Hex color **80CABC** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **CA808E**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **B7FFF4**, and **4A9487** is the 20% darker color. If you saturate the color by 10%, you get **6CCAB8**, and if you desaturate by 10%, it is **94CAC0**.

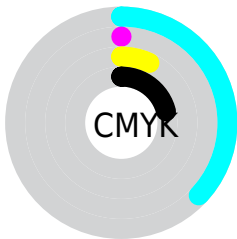
Distribution



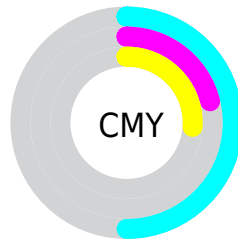
- Red (50%)
- Green (79%)
- Blue (74%)



- Red (50%)
- Yellow (66%)
- Blue (79%)



- Cyan (37%)
- Magenta (0%)
- Yellow (7%)
- Black (21%)



- Cyan (50%)
- Magenta (21%)
- Yellow (26%)

Brightness & Saturation Gradients

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

 80CABC

 80CABC

FFFFFF

 65AEA1

 B7FFF4

 4A9487

 D4FFFF

 2E7A6E

 F1FFFF

 0C6055

 00483E

 003128

 001E14

 000000

 80CABC

 80CABC

6CCAB8

94CAC0

58CAB4

A8CAC4

43CAB1

BDCAC7

2FCAAD

D1CACB

1BCAA9

E5CACF

07CAA5

F9CAD3

00CAA4

FFCAD7

FFCADB

FFCADE

Harmonies

Analogous

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



98C8A4



80CABC



76C9D4

Triad

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



80CABC



C1B6E6



E2B393

Complementary

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



80CABC



CA808E

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.



EDADA5



80CABC



DCAED4

Square

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



80CABC



A0BEEC



EBABBD



CEBB8C

Rectangle

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



80CABC



7BC7E1



EBABBD



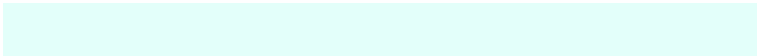
E7B098

Sweetspot

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



80CABC



E3FFFA



8FCA80



6F807C



000000



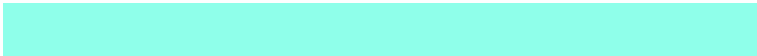
808080

Same Dimension

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



80CABC



8FFFEA



80B4CA



5C6664



00A686



00261F

Inverse Universe

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



CA808E



FF8FA4



CA9680



665C5E



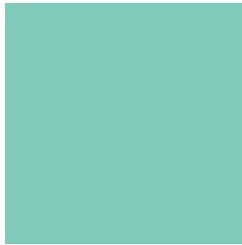
A6001F



260007

Previews

White Background



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

Color Contrast Check

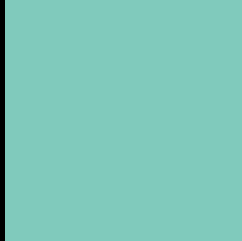
Large Text (above 18pt) WCAG AA × Fail

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 80CABC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

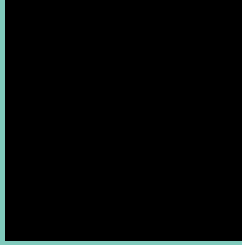
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

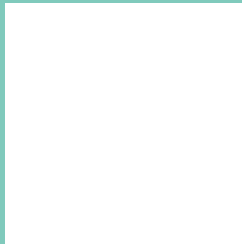
Any Text WCAG AAA ✓ Pass

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

Hex 80CABC Background



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



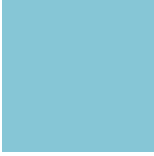
This preview shows how white text looks on a background with the Hex color 80CABC.

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



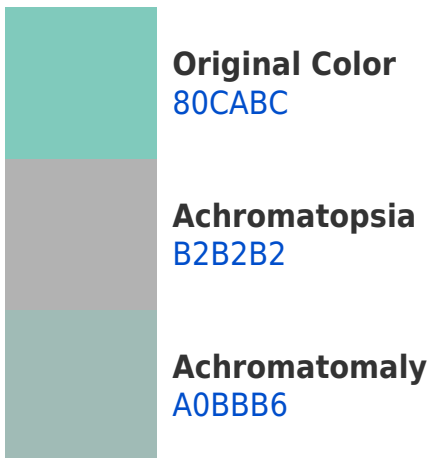


Tritanopia
86C6D6

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #80CABC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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