

Converting Colors

Hex(80CD9F)

Have a look what the booklet for
Hex(80CD9F) contains.

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Color

Hex(80CD9F)

Conversions

Conversions Part 1

Format	Color
Hex	80CD9F
RGB	128, 205, 159
RGB Percent	50%, 80%, 62%
CMY	0.4980, 0.1961, 0.3765
CMYK	0.38, 0.00, 0.22, 0.20
HSL	144°, 44%, 65%
HSV	144°, 38%, 80%
XYZ	36.9914, 50.7550, 40.6479
YIQ	176.7330, -31.1260, -30.6300

Conversions

Conversions Part 2

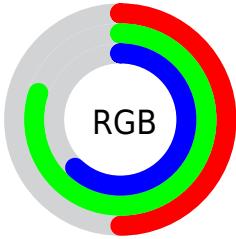
Format	Color
RYB	128, 183, 205
Decimal	8441247
CIELab	76.53, -33.78, 15.53
CIELCh	77, 37.181, 155.317
Yxy	50.7550, 0.2881, 0.3953
Android (android.graphics.Color)	4286631327 (0xFF80CD9F)
YUV	176.7330, -8.7424, -42.7388
Hunter-Lab	71.2426, -31.9916, 16.0415

Details

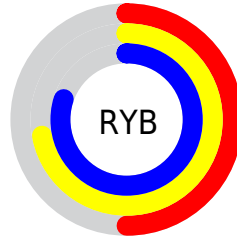
The Hex color **80CD9F** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **CD80AE**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **B7FFD6**, and **4A966B** is the 20% darker color. If you saturate the color by 10%, you get **6BCD93**, and if you desaturate by 10%, it is **95CDAB**.

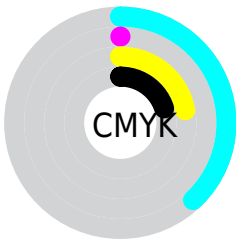
Distribution



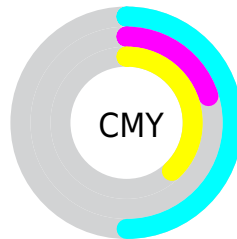
- Red (50%)
- Green (80%)
- Blue (62%)



- Red (50%)
- Yellow (72%)
- Blue (80%)



- Cyan (38%)
- Magenta (0%)
- Yellow (22%)
- Black (20%)



- Cyan (50%)
- Magenta (20%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80CD9F 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 80CD9F by changing the saturation by 10% instead.



80CD9F



80CD9F

FFFFFF



65B185



B7FFD6



4A966B



D4FFF2



2F7C53



F1FFFF



0F633C



004A26



003311



001F00



000000



80CD9F



80CD9F

 6BCD93

 95CDAB

 57CD87

 A9CDB7

 42CD7A

 BECDC4

 2ECD6E

 D2CDD0

 1ACD62

 E6CDDC

 05CD56

 FBCDE8

 00CD53

 FFCDF5

 FFCDF5

Harmonies

Analogous

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



A9C784



80CD9F



56D0C2

Triad

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



80CD9F



97BEFF



FEA797

Complementary

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



80CD9F



CD80AE

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.



FFA2B8



80CD9F



C9B2F5

Square

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



80CD9F



60C8FA



EDA7DA



ECB17F

Rectangle

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



80CD9F



42CFD9



EDA7DA



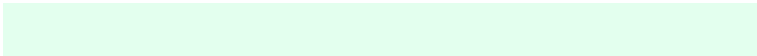
FFA4A1

Sweetspot

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



80CD9F



E3FFEE



AECD80



6F8076



000000



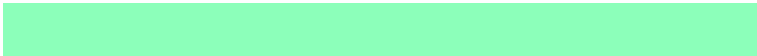
808080

Same Dimension

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



80CD9F



8CFFBA



80CDC5



5C6660



00A643



00260F

Inverse Universe

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



CD80AE



FF8CD1



CD8088



665C62



A60063



260017

Previews

White Background



This preview shows how the Hex color 80CD9F looks on a white background.

Color Contrast Check

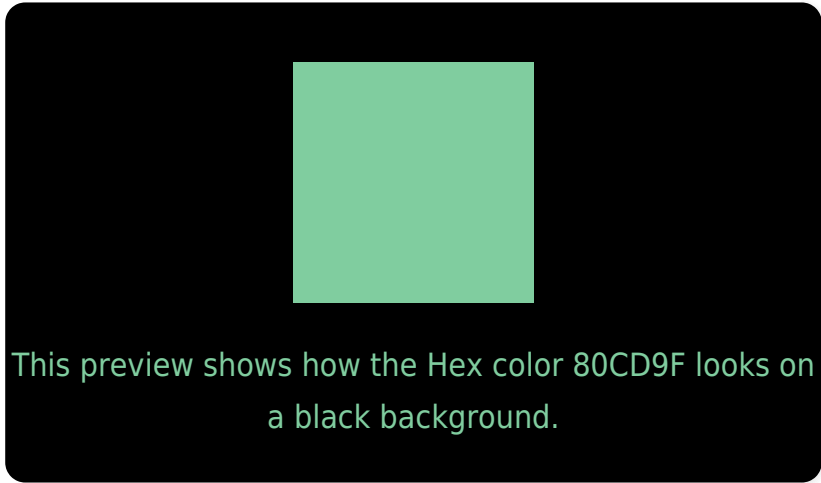
Large Text (above 18pt) WCAG AA × Fail

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

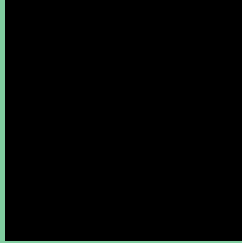
Any Text WCAG AA ✓ Pass

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 80CD9F Background



This preview shows how black text looks on a background with the Hex color 80CD9F.

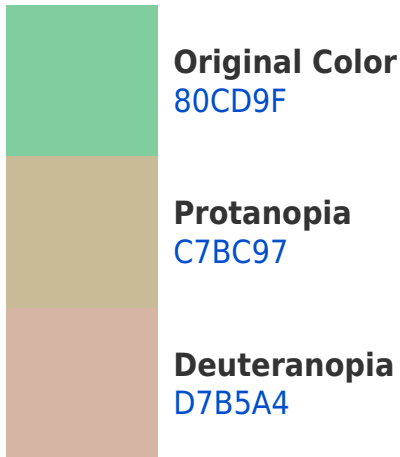


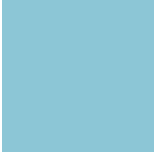
This preview shows how white text looks on a background with the Hex color 80CD9F.

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](#).

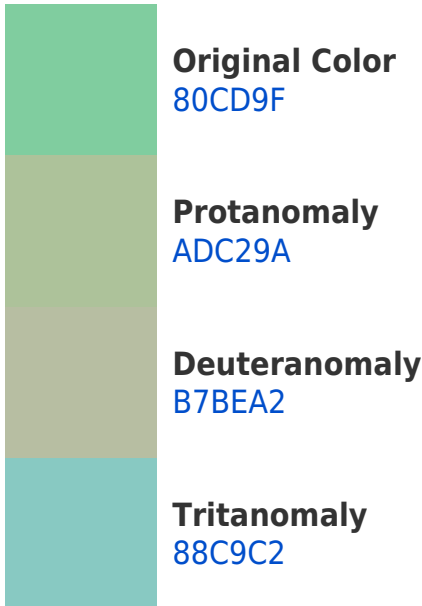
Dichromacy



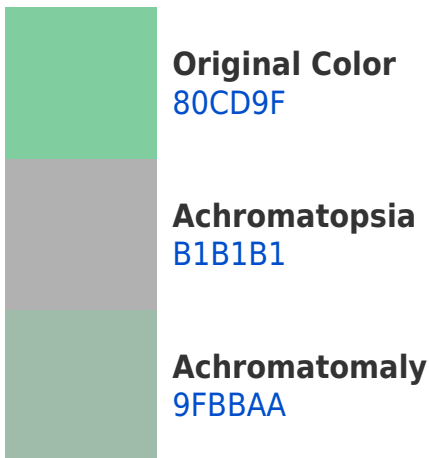


Tritanopia
8CC6D6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 80CD9F 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 #80CD9F looks like.

```
.text, #text, p{  
    color:#80CD9F  
}
```

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 #80CD9F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80CD9F
}
```

Border

The CSS property to change the border of an element to Hex 80CD9F 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
#80CD9F }
```

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

```
.border{ border-color:#80CD9F }
```

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

Here you see how a box with a 4 pixel #80CD9F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80CD9F; -webkit-box-shadow:4px 4px  
4px 4px #80CD9F; box-shadow:4px 4px 4px  
4px #80CD9F }
```

Background

The CSS property to change the background color of an element to Hex 80CD9F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80CD9F }
```

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

```
.background{ background-color:#80CD9F }
```

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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