

Converting Colors

Hex(80CF9F)

Have a look what the booklet for
Hex(80CF9F) contains.

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Color

Hex(80CF9F)

Conversions

Conversions Part 1

Format	Color
Hex	80CF9F
RGB	128, 207, 159
RGB Percent	50%, 81%, 62%
CMY	0.4980, 0.1882, 0.3765
CMYK	0.38, 0.00, 0.23, 0.19
HSL	144°, 45%, 66%
HSV	144°, 38%, 81%
XYZ	37.4729, 51.7180, 40.8084
YIQ	177.9070, -31.6760, -31.6760

Conversions

Conversions Part 2

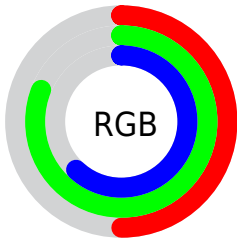
Format	Color
RYB	128, 185, 207
Decimal	8441759
CIELab	77.11, -34.71, 16.34
CIELCh	77, 38.366, 154.793
Yxy	51.7180, 0.2883, 0.3978
Android (android.graphics.Color)	4286631839 (0xFF80CF9F)
YUV	177.9070, -9.3212, -43.7684
Hunter-Lab	71.9153, -32.8406, 16.6965

Details

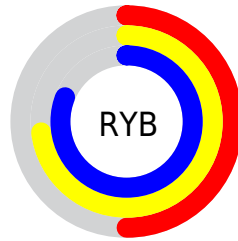
The Hex color **80CF9F** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **CF80B0**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **B7FFD6**, and **4A986B** is the 20% darker color. If you saturate the color by 10%, you get **6BCF92**, and if you desaturate by 10%, it is **95CFAC**.

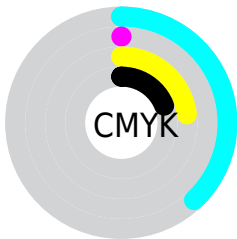
Distribution



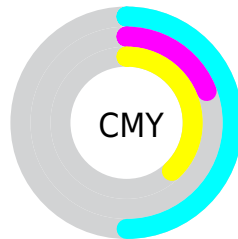
- Red (50%)
- Green (81%)
- Blue (62%)



- Red (50%)
- Yellow (73%)
- Blue (81%)



- Cyan (38%)
- Magenta (0%)
- Yellow (23%)
- Black (19%)



- Cyan (50%)
- Magenta (19%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80CF9F 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 80CF9F by changing the saturation by 10% instead.



80CF9F



80CF9F

FFFFFF



65B385



B7FFD6



4A986B



D4FFF2



2F7E53



F1FFFF



0D643C



004C26



003411



002000



000000



80CF9F



80CF9F

 6BCF92

 95CFAC

 57CF86

 A9CFB8

 42CF79

 BECF5

 2DCF6D

 D3CFD1

 18CF60

 E8CFDE

 04CF54

 FCCFEA

 00CF51

 FFCFF7

 FFCFFF

Harmonies

Analogous

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



ABC883



80CF9F



53D2C3

Triad

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



80CF9F



96C0FF



FFA798

Complementary

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



80CF9F



CF80B0

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.



FFA3BA



80CF9F



CAB3F9

Square

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



80CF9F



5CCAFE



F0A8DD



EFB27F

Rectangle

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



80CF9F



3BD1DB



F0A8DD



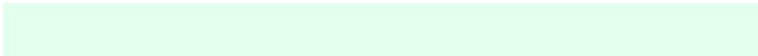
FFA5A2

Sweetspot

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



80CF9F



E3FFEE



B1CF80



6F8075



000000



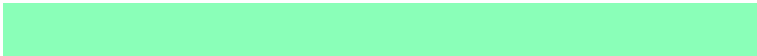
808080

Same Dimension

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



80CF9F



8AFFB8



80CFC6



5E6962



00A842



002910

Inverse Universe

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



CF80B0



FF8AD1



CF8089



695E64



A80066



290019

Previews

White Background



This preview shows how the Hex color 80CF9F looks on a white background.

Color Contrast Check

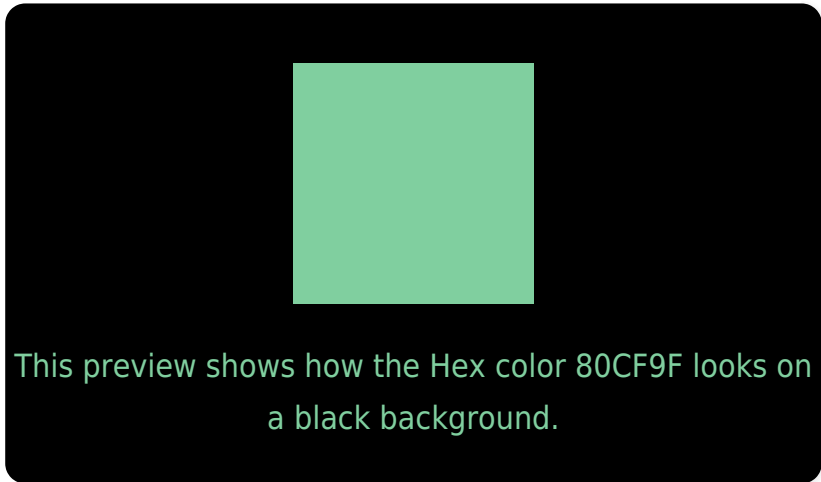
Large Text (above 18pt) WCAG AA × Fail

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

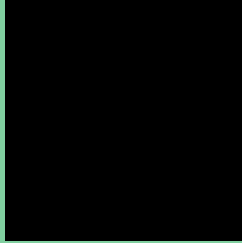
Any Text WCAG AA ✓ Pass

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 80CF9F Background



This preview shows how black text looks on a background with the Hex color 80CF9F.

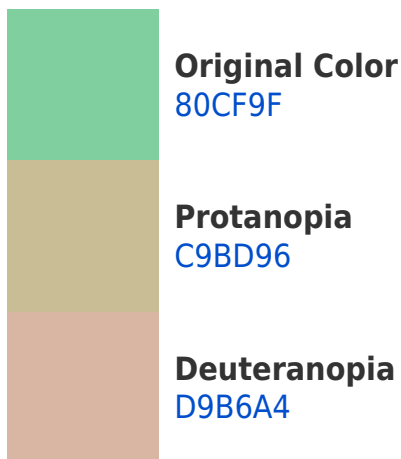


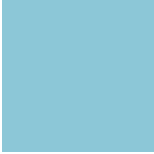
This preview shows how white text looks on a background with the Hex color 80CF9F.

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](#).

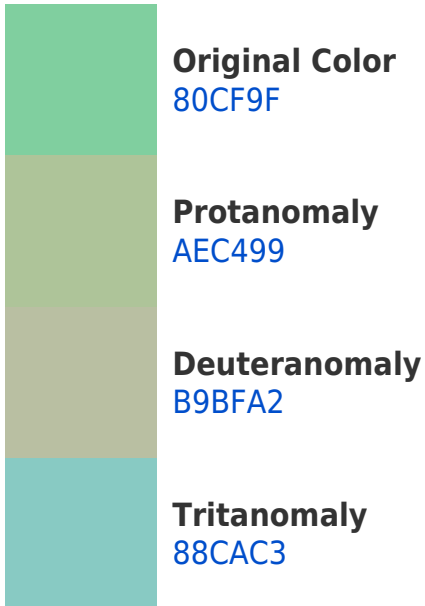
Dichromacy



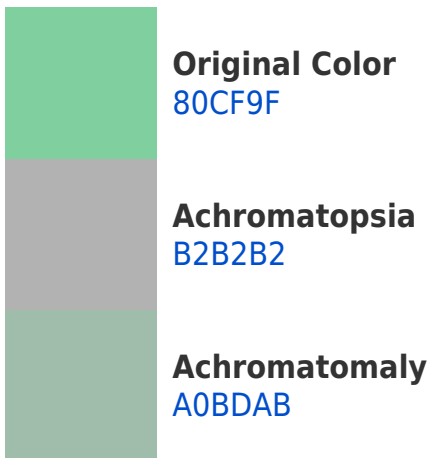


Tritanopia
8CC7D7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 80CF9F 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 #80CF9F looks like.

```
.text, #text, p{  
    color:#80CF9F  
}
```

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 #80CF9F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80CF9F
}
```

Border

The CSS property to change the border of an element to Hex 80CF9F 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
#80CF9F }
```

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

```
.border{ border-color:#80CF9F }
```

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

Here you see how a box with a 4 pixel #80CF9F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80CF9F; -webkit-box-shadow:4px 4px  
4px 4px #80CF9F; box-shadow:4px 4px 4px  
4px #80CF9F }
```

Background

The CSS property to change the background color of an element to Hex 80CF9F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80CF9F }
```

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

```
.background{ background-color:#80CF9F }
```

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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