

Converting Colors

Hex(82C799)

Have a look what the booklet for
Hex(82C799) contains.

Hex(82C799)	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(82C799)

Conversions

Conversions Part 1

Format	Color
Hex	82C799
RGB	130, 199, 153
RGB Percent	51%, 78%, 60%
CMY	0.4902, 0.2196, 0.4000
CMYK	0.35, 0.00, 0.23, 0.22
HSL	140°, 38%, 65%
HSV	140°, 35%, 78%
XYZ	35.3791, 47.8926, 37.5165
YIQ	173.1250, -26.3580, -28.9340

Conversions

Conversions Part 2

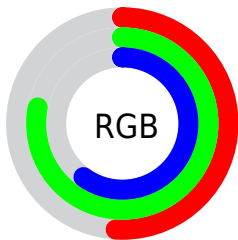
Format	Color
RYB	130, 182, 199
Decimal	8570777
CIELab	74.76, -31.52, 16.27
CIELCh	75, 35.472, 152.706
Yxy	47.8926, 0.2929, 0.3965
Android (android.graphics.Color)	4286760857 (0xFF82C799)
YUV	173.1250, -9.9216, -37.8206
Hunter-Lab	69.2045, -29.8540, 16.3014

Details

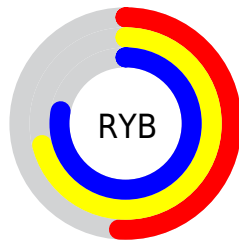
The Hex color **82C799** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **C782B0**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **B9FFCF**, and **4D9166** is the 20% darker color. If you saturate the color by 10%, you get **6EC78C**, and if you desaturate by 10%, it is **96C7A6**.

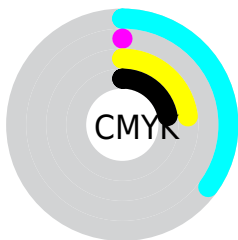
Distribution



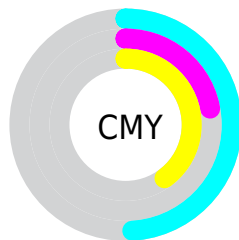
- Red (51%)
- Green (78%)
- Blue (60%)



- Red (51%)
- Yellow (71%)
- Blue (78%)



- Cyan (35%)
- Magenta (0%)
- Yellow (23%)
- Black (22%)



- Cyan (49%)
- Magenta (22%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 82C799 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 82C799 by changing the saturation by 10% instead.

 82C799

 82C799

FFFFFF

 67AB7F

 B9FFCF

 4D9166

 D5FFEC

 33774E

 F2FFFF

 175E37

 004521

 002E0B

 001900

 000000

 82C799

 82C799

 6EC78C

 96C7A6

 5AC77E

 AAC7B4

 46C771

 BEC7C1

 32C764

 D2C7CE

 1EC757

 E6C7DB

 0BC749

 F9C7E9

 00C742

 FFC7F6

 FFC7FF

Harmonies

Analogous

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



A9C180



82C799



5BCABA

Triad

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



82C799



90BAF9



F7A296

Complementary

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



82C799



C782B0

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.



F69FB6



82C799



C0AEEF

Square

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



82C799



5EC3F1



E4A4D6



E7AC7F

Rectangle

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



82C799



48C9D0



E4A4D6



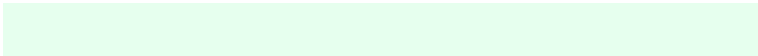
F9A0A0

Sweetspot

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



82C799



E6FFEE



B0C782



708075



000000



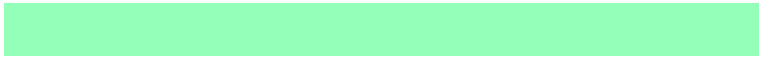
808080

Same Dimension

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



82C799



94FFB8



82C7BC



5A635D



00A336



00240C

Inverse Universe

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



C782B0



FF94DB



C7828E



635A60



A3006D



240018

Previews

White Background



This preview shows how the Hex color 82C799 looks on a white background.

Color Contrast Check

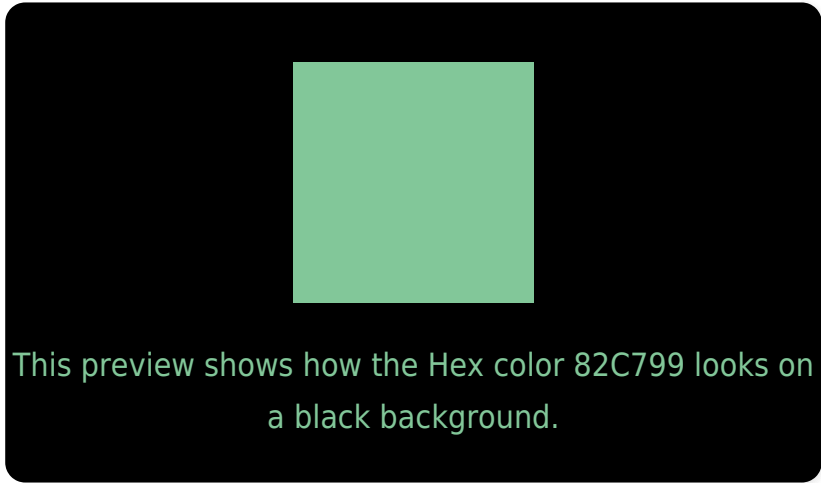
Large Text (above 18pt) WCAG AA × Fail

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

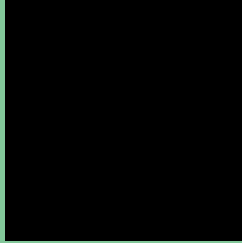
Any Text WCAG AA ✓ Pass

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 82C799 Background



This preview shows how black text looks on a background with the Hex color 82C799.

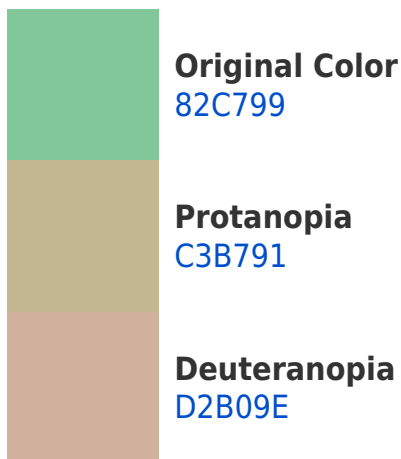


This preview shows how white text looks on a background with the Hex color 82C799.

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
8DC0CF

Trichromacy



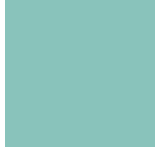
Original Color
82C799



Protanomaly
ABBD94



Deuteranomaly
B5B89C



Tritanomaly
89C3BB

Monochromacy



Original Color
82C799



Achromatopsia
ADADAD



Achromatomaly
9DB6A6

CSS Examples

Text

The CSS property to change the color of the text to Hex 82C799 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 #82C799 looks like.

```
.text, #text, p{  
    color:#82C799  
}
```

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 #82C799 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82C799
}
```

Border

The CSS property to change the border of an element to Hex 82C799 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
#82C799 }
```

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

```
.border{ border-color:#82C799 }
```

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

Here you see how a box with a 4 pixel #82C799 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82C799; -webkit-box-shadow:4px 4px  
4px 4px #82C799; box-shadow:4px 4px 4px  
4px #82C799 }
```

Background

The CSS property to change the background color of an element to Hex 82C799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82C799 }
```

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

```
.background{ background-color:#82C799 }
```

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