

# Converting Colors

Hex(82C77C)

Have a look what the booklet for  
Hex(82C77C) contains.

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**Color**

**Hex(82C77C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	82C77C
RGB	130, 199, 124
RGB Percent	51%, 78%, 49%
CMY	0.4902, 0.2196, 0.5137
CMYK	0.35, 0.00, 0.38, 0.22
HSL	115°, 40%, 63%
HSV	115°, 38%, 78%
XYZ	33.2674, 47.0479, 26.3966
YIQ	169.8190, -17.0490, -37.9530

# Conversions

## Conversions Part 2

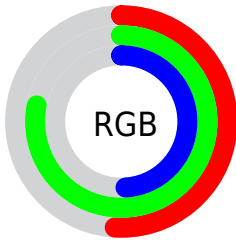
Format	Color
<a href="#">RYB</a>	<a href="#">124, 199, 193</a>
Decimal	<a href="#">8570748</a>
CIELab	<a href="#">74.22, -36.51, 30.84</a>
CIElCh	<a href="#">74, 47.797, 139.810</a>
Yxy	<a href="#">47.0479, 0.3117, 0.4409</a>
Android (android.graphics.Color)	<a href="#">4286760828</a> ( <a href="#">0xFF82C77C</a> )
YUV	<a href="#">169.8190, -22.5888, -34.9213</a>
Hunter-Lab	<a href="#">68.5915, -33.4611, 25.1970</a>

# Details

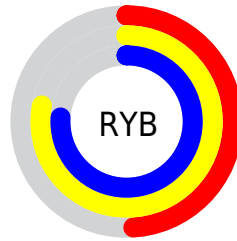
The Hex color **82C77C** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **C17CC7**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **B9FFB1**, and **4D914A** is the 20% darker color. If you saturate the color by 10%, you get **70C768**, and if you desaturate by 10%, it is **94C790**.

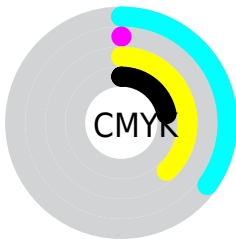
# Distribution



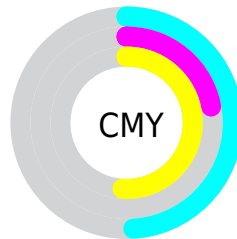
- Red (51%)
- Green (78%)
- Blue (49%)



- Red (49%)
- Yellow (78%)
- Blue (76%)



- Cyan (35%)
- Magenta (0%)
- Yellow (38%)
- Black (22%)



- Cyan (49%)
- Magenta (22%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 82C77C 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 82C77C by changing the saturation by 10% instead.



 82C77C

 82C77C

FFFFFF

 67AB63

 B9FFB1

 4D914A

 D6FFCD

 327732

 F3FFE9

 145D1B

 004502

 002E00

 001700

 000000

 82C77C

 82C77C

 70C768

 94C790

 5DC754

 A7C7A4

 4BC740

 B9C7B8

 39C72C

 CBC7CC

 26C719

 DEC7E0

 14C705

 F0C7F3

 10C700

 FFC7FF

# Harmonies

## Analogous

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



B5BD61



82C77C



3CCCA6

# Triad

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



82C77C



4ABFFF



FF949B

# Complementary

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



82C77C



C17CC7

# 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.



FF94C7



82C77C



A3B1FF

# Square

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



82C77C



00C9F8



DEA0F0



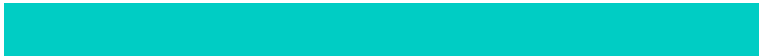
FD9F75

# Rectangle

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



82C77C



00CDC4



DEA0F0



FF93AA

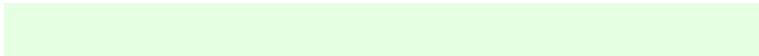


# Sweetspot

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



82C77C



E5FFE3



C7C17C



70806F



000000



808080



# Same Dimension

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



82C77C



95FF8C



7CC79B



5A635A



0DA300



032400



# Inverse Universe

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



C17CC7



F68CFF



C77CA8



635A63



9600A3



210024



# Previews

## White Background



This preview shows how the Hex color 82C77C looks on a white background.

## Color Contrast Check

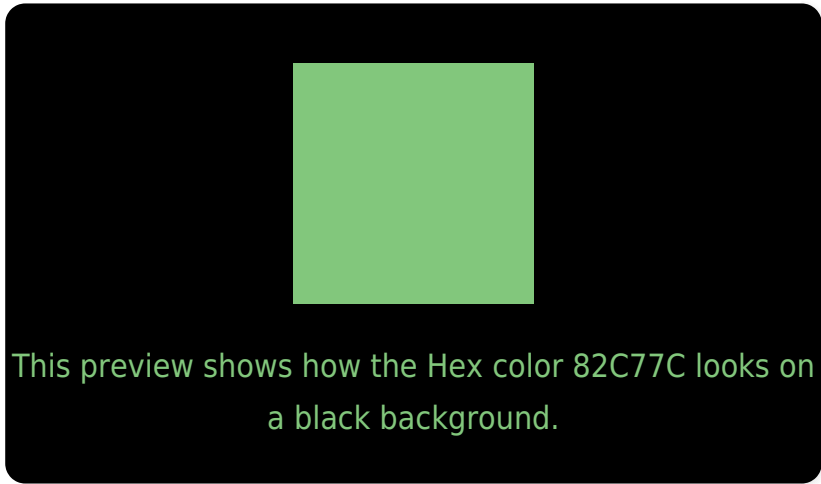
Large Text (above 18pt) WCAG AA × Fail

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

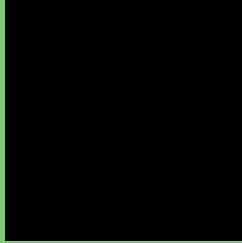
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 82C77C Background



This preview shows how black text looks on a background with the Hex color 82C77C.

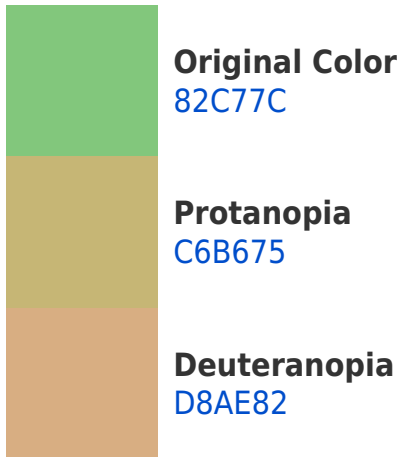


This preview shows how white text looks on a background with the Hex color 82C77C.

# Color Blindness Simulation

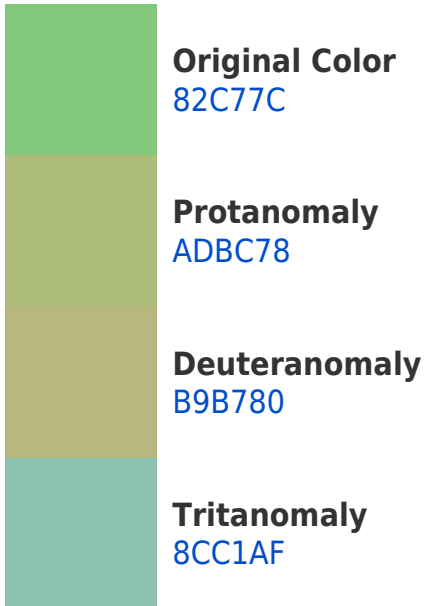
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

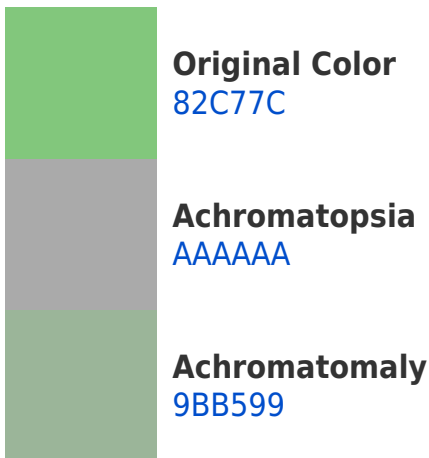




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 82C77C 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 #82C77C looks like.

```
.text, #text, p{  
    color:#82C77C  
}
```

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 #82C77C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82C77C
}
```

## Border

The CSS property to change the border of an element to Hex 82C77C 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
#82C77C }
```

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

```
.border{ border-color:#82C77C }
```

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

Here you see how a box with a 4 pixel #82C77C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82C77C; -webkit-box-shadow:4px 4px  
4px 4px #82C77C; box-shadow:4px 4px 4px  
4px #82C77C }
```

# Background

The CSS property to change the background color of an element to Hex 82C77C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82C77C }
```

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

```
.background{ background-color:#82C77C }
```

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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