

# Converting Colors

Hex(83C479)

Have a look what the booklet for  
Hex(83C479) contains.

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**Color**

**Hex(83C479)**

# Conversions

## Conversions Part 1

Format	Color
Hex	83C479
RGB	131, 196, 121
RGB Percent	51%, 77%, 47%
CMY	0.4863, 0.2314, 0.5255
CMYK	0.33, 0.00, 0.38, 0.23
HSL	112°, 39%, 62%
HSV	112°, 38%, 77%
XYZ	32.5512, 45.6856, 25.1917
YIQ	168.0150, -14.6650, -37.1050

# Conversions

## Conversions Part 2

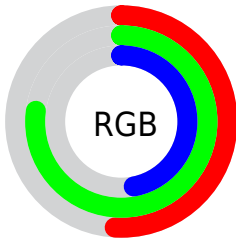
<b>Format</b>	<b>Color</b>
<b>RYB</b>	121, 196, 186
Decimal	8635513
CIELab	73.34, -35.27, 31.26
CIElCh	73, 47.126, 138.453
Yxy	45.6856, 0.3147, 0.4417
Android (android.graphics.Color)	4286825593 (0xFF83C479)
YUV	168.0150, -23.1784, -32.4622
Hunter-Lab	67.5911, -32.3208, 25.2160

# Details

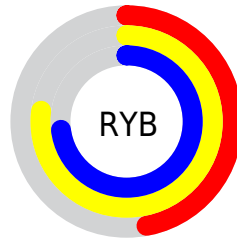
The Hex color **83C479** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **BA79C4**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **BAFDAE**, and **4E8E47** is the 20% darker color. If you saturate the color by 10%, you get **72C465**, and if you desaturate by 10%, it is **94C48D**.

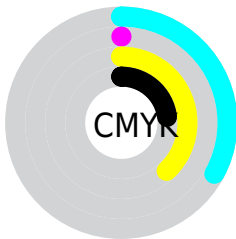
# Distribution



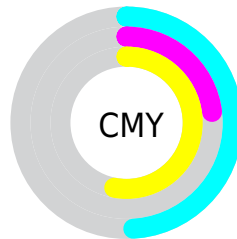
- Red (51%)
- Green (77%)
- Blue (47%)



- Red (47%)
- Yellow (77%)
- Blue (73%)



- Cyan (33%)
- Magenta (0%)
- Yellow (38%)
- Black (23%)



- Cyan (49%)
- Magenta (23%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 83C479 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 83C479 by changing the saturation by 10% instead.



 83C479

 83C479

FFFFFF

 68A960


 BAFDAE

 4E8E47

 D6FFCA

 34742F

 F3FFE6

 175B18

 004300

 002C00

 001400

 000000

 83C479

 83C479

 72C465

 94C48D

 61C452

 A5C4A0

 50C43E

 B6C4B4

 3FC42B

 C7C4C7

 2EC417

 D8C4DB

 1DC403

 E9C4EF

 1AC400

 FAC4FF

 FFC4FF

# Harmonies

## Analogous

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



B4BA60



83C479



40C9A1

# Triad

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



83C479



45BDFE



FF929B

# Complementary

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



83C479



BA79C4

# 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.



FC93C7



83C479



9EAFFF

# Square

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



83C479



00C7F4



D99FEE



FB9C75

# Rectangle

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



83C479



00CBBF



D99FEE



FF91A9

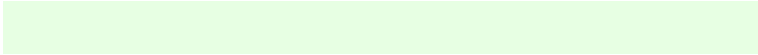


# Sweetspot

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



83C479



E7FFE3



C4BA79



71806F



000000



808080



# Same Dimension

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



83C479



99FF8A



79C495



596157



15A100



042100



# Inverse Universe

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



BA79C4



EF8AFF



C479A9



605761



8B00A1



1D0021



# Previews

## White Background



This preview shows how the Hex color 83C479 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 83C479 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 83C479 Background



This preview shows how black text looks on a background with the Hex color 83C479.

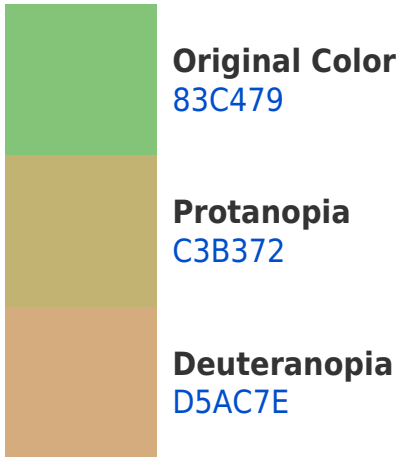


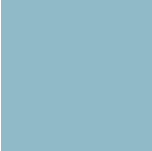
This preview shows how white text looks on a background with the Hex color 83C479.

# 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](#).

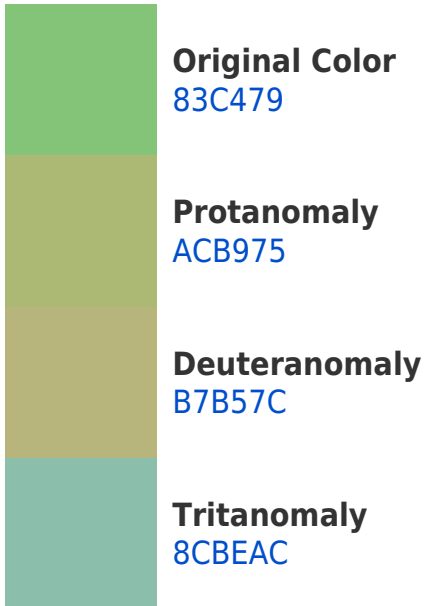
## Dichromacy



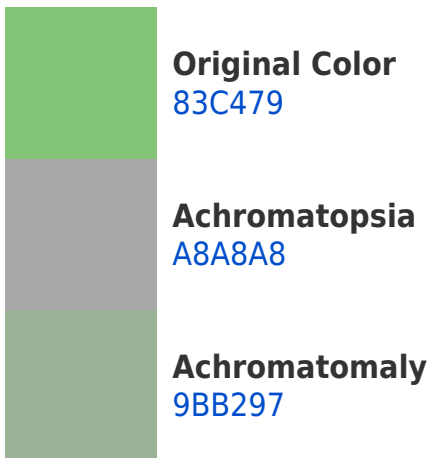


**Tritanopia**  
91BAC9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 83C479 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 #83C479 looks like.

```
.text, #text, p{  
    color:#83C479  
}
```

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 #83C479 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83C479
}
```

## Border

The CSS property to change the border of an element to Hex 83C479 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
#83C479 }
```

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

```
.border{ border-color:#83C479 }
```

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

Here you see how a box with a 4 pixel #83C479 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83C479; -webkit-box-shadow:4px 4px  
4px 4px #83C479; box-shadow:4px 4px 4px  
4px #83C479 }
```

# Background

The CSS property to change the background color of an element to Hex 83C479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83C479 }
```

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

```
.background{ background-color:#83C479 }
```

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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