

# Converting Colors

Hex(83C778)

Have a look what the booklet for  
Hex(83C778) contains.

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**Color**

**Hex(83C778)**

# Conversions

## Conversions Part 1

Format	Color
Hex	83C778
RGB	131, 199, 120
RGB Percent	51%, 78%, 47%
CMY	0.4863, 0.2196, 0.5294
CMYK	0.34, 0.00, 0.40, 0.22
HSL	112°, 41%, 63%
HSV	112°, 40%, 78%
XYZ	33.1737, 47.0282, 25.0982
YIQ	169.6620, -15.1690, -38.9850

# Conversions

## Conversions Part 2

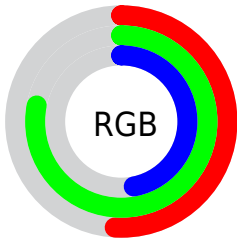
Format	Color
<a href="#">RYB</a>	<a href="#">120, 199, 188</a>
Decimal	<a href="#">8636280</a>
CIELab	<a href="#">74.21, -36.79, 32.90</a>
CIElCh	<a href="#">74, 49.356, 138.193</a>
Yxy	<a href="#">47.0282, 0.3150, 0.4466</a>
Android (android.graphics.Color)	<a href="#">4286826360 (0xFF83C778)</a>
YUV	<a href="#">169.6620, -24.4834, -33.9066</a>
Hunter-Lab	<a href="#">68.5771, -33.6619, 26.3047</a>

# Details

The Hex color **83C778** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **BC78C7**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **BAFFAD**, and **4E9146** is the 20% darker color. If you saturate the color by 10%, you get **72C764**, and if you desaturate by 10%, it is **94C78C**.

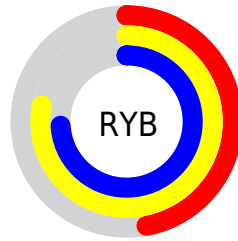
# Distribution



Red (51%)

Green (78%)

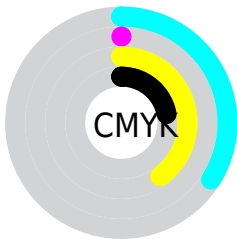
Blue (47%)



Red (47%)

Yellow (78%)

Blue (74%)

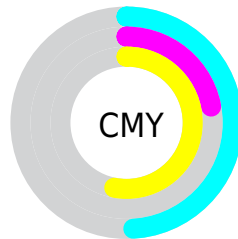


Cyan (34%)

Magenta (0%)

Yellow (40%)

Black (22%)



Cyan (49%)

Magenta (22%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 83C778 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 83C778 by changing the saturation by 10% instead.





83C778



83C778

FFFFFF



68AB5F



BAFFAD



4E9146



D7FFC9



33772E



F4FFE5



155D16



004500



002E00



001700



000000



83C778



83C778

 72C764

 94C78C

 61C750

 A5C7A0

 50C73C

 B6C7B4

 3EC728

 C8C7C8

 2DC715

 D9C7DC

 1CC701

 EAC7EF

 1CC700

 FBC7FF

 FFC7FF

# Harmonies

## Analogous

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



B7BC5D



83C778



39CDA2

# Triad

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



83C778



39C0FF



FF929D

# Complementary

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



83C778



BC78C7

# 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.



FF93CA



83C778



9EB1FF

# Square

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



83C778



00CAF9



DDA0F3



FF9D75

# Rectangle

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



83C778



00CEC2



DDA0F3



FF91AC

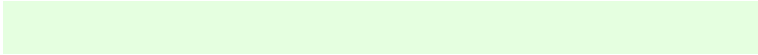


# Sweetspot

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



83C778



E5FFE0



C7BB78



70806E



000000



808080



# Same Dimension

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



83C778



96FF85



78C794



5B635A



17A300



052400



# Inverse Universe

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



BC78C7



EE85FF



C778AB



625A63



8C00A3



1F0024



# Previews

## White Background



This preview shows how the Hex color 83C778 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 83C778 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 83C778 Background



This preview shows how black text looks on a background with the Hex color 83C778.

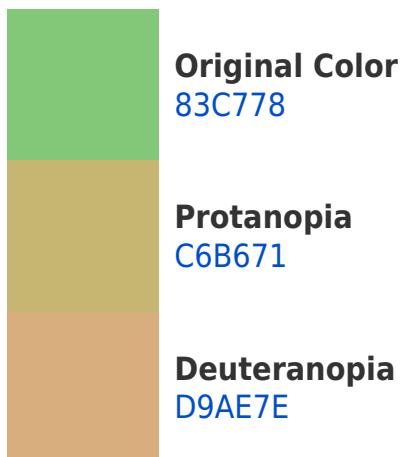


This preview shows how white text looks on a background with the Hex color 83C778.

# Color Blindness Simulation

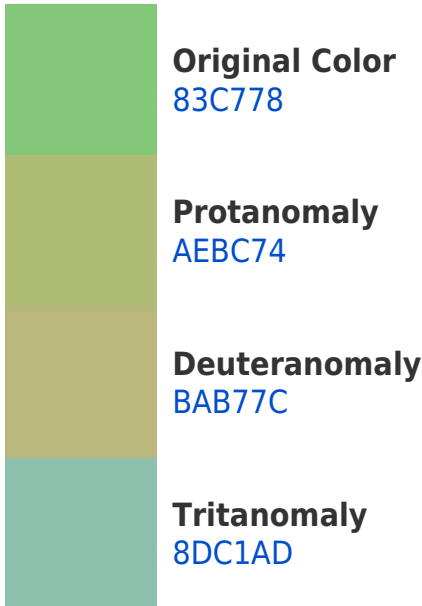
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

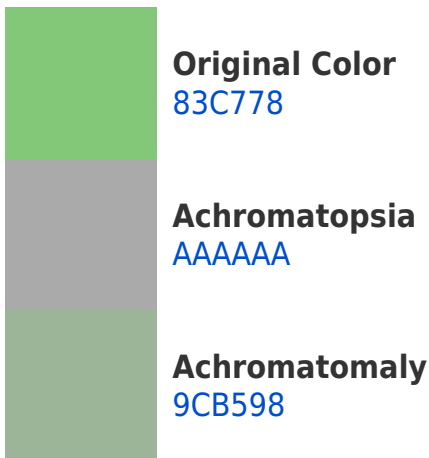




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 83C778 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 #83C778 looks like.

```
.text, #text, p{  
    color:#83C778  
}
```

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 #83C778 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83C778
}
```

## Border

The CSS property to change the border of an element to Hex 83C778 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
#83C778 }
```

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

```
.border{ border-color:#83C778 }
```

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

Here you see how a box with a 4 pixel #83C778 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83C778; -webkit-box-shadow:4px 4px  
4px 4px #83C778; box-shadow:4px 4px 4px  
4px #83C778 }
```

# Background

The CSS property to change the background color of an element to Hex 83C778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83C778 }
```

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

```
.background{ background-color:#83C778 }
```

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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