

# Converting Colors

Hex(85C696)

Have a look what the booklet for  
Hex(85C696) contains.

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# **Color**

**Hex(85C696)**

# Conversions

## Conversions Part 1

Format	Color
Hex	85C696
RGB	133, 198, 150
RGB Percent	52%, 78%, 59%
CMY	0.4784, 0.2235, 0.4118
CMYK	0.33, 0.00, 0.24, 0.22
HSL	136°, 36%, 65%
HSV	136°, 33%, 78%
XYZ	35.3720, 47.5767, 36.1731
YIQ	173.0930, -23.3320, -28.7080

# Conversions

## Conversions Part 2

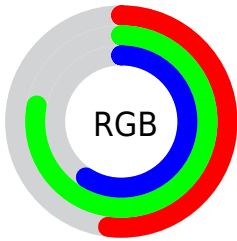
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">133, 185, 198</a>
Decimal	<a href="#">8767126</a>
CIELab	<a href="#">74.56, -30.69, 17.62</a>
CIELCh	<a href="#">75, 35.382, 150.141</a>
Yxy	<a href="#">47.5767, 0.2969, 0.3994</a>
Android (android.graphics.Color)	<a href="#">4286957206 (0xFF85C696)</a>
YUV	<a href="#">173.0930, -11.3848, -35.1616</a>
Hunter-Lab	<a href="#">68.9759, -29.1700, 17.1896</a>

# Details

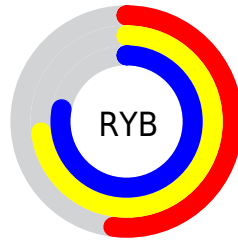
The Hex color **85C696** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **C685B5**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **BCFFCC**, and **519063** is the 20% darker color. If you saturate the color by 10%, you get **71C687**, and if you desaturate by 10%, it is **99C6A5**.

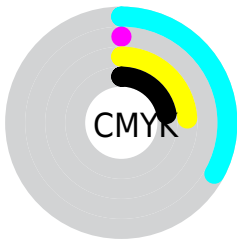
# Distribution



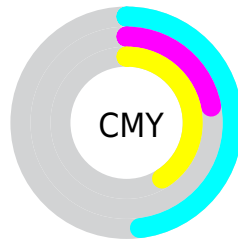
- Red (52%)
- Green (78%)
- Blue (59%)



- Red (52%)
- Yellow (73%)
- Blue (78%)



- Cyan (33%)
- Magenta (0%)
- Yellow (24%)
- Black (22%)



- Cyan (48%)
- Magenta (22%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 85C696 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 85C696 by changing the saturation by 10% instead.



 85C696

 85C696

FFFFFF

 6BAB7C

 BCFFCC

 519063

 D8FFE9

 37764B

 F5FFFF

 1C5D34

 00451E

 002E07

 001900

 000000

 85C696

 85C696

 71C687

 99C6A5

 5DC679

 ADC6B3

 4AC66A

 C0C6C2

 36C65C

 D4C6D0

 22C64D

 E8C6DF

 0EC63E

 FCC6EE

 00C634

 FFC6FC

 FFC6FF

# Harmonies

## Analogous

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



ABBF7E



85C696



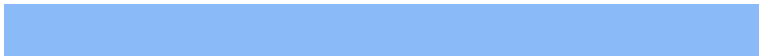
5EC9B6

# Triad

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



85C696



8BBAF8



F7A198

# Complementary

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



85C696



C685B5

# 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.



F59FB9



85C696



BCAFF0

# Square

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



85C696



5AC3EF



E1A4D8



E8AA80

# Rectangle

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



85C696



49C9CD



E1A4D8



F8A0A3

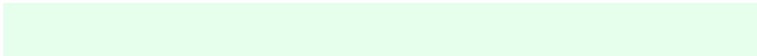


# Sweetspot

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



85C696



E6FFEC



B6C685



708074



000000



808080

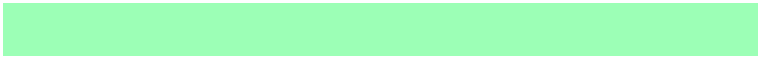


# Same Dimension

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



85C696



9CFFB6



85C6B6



5A635C



00A32B



002409



# Inverse Universe

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



C685B5



FF9CE5



C68595



635A61



A30079



24001A



# Previews

## White Background



This preview shows how the Hex color 85C696 looks on a white background.

## Color Contrast Check

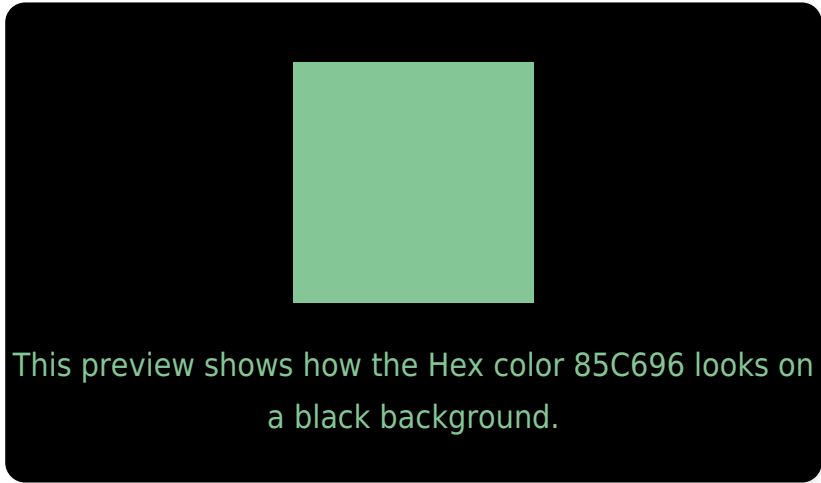
Large Text (above 18pt) WCAG AA × Fail

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

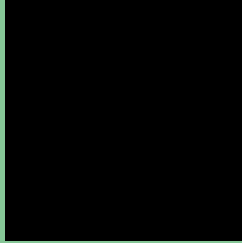
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 85C696 Background



This preview shows how black text looks on a background with the Hex color 85C696.



This preview shows how white text looks on a background with the Hex color 85C696.

# 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](#).

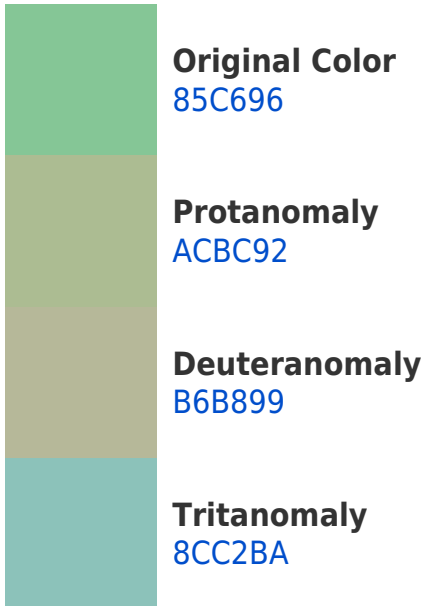
## Dichromacy



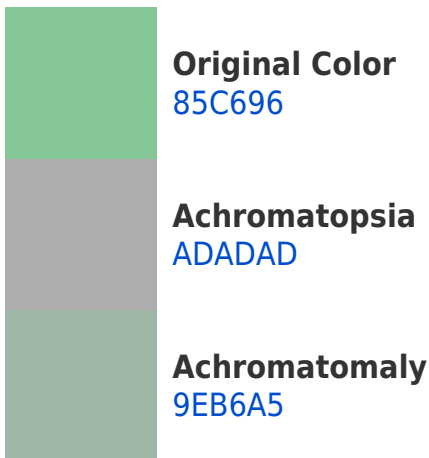


**Tritanopia**  
90BFCE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 85C696 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 #85C696 looks like.

```
.text, #text, p{  
    color:#85C696  
}
```

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 #85C696 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85C696
}
```

## Border

The CSS property to change the border of an element to Hex 85C696 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
#85C696 }
```

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

```
.border{ border-color:#85C696 }
```

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

Here you see how a box with a 4 pixel #85C696 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85C696; -webkit-box-shadow:4px 4px  
4px 4px #85C696; box-shadow:4px 4px 4px  
4px #85C696 }
```

# Background

The CSS property to change the background color of an element to Hex 85C696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85C696 }
```

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

```
.background{ background-color:#85C696 }
```

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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