

# Converting Colors

Hex(71C17F)

Have a look what the booklet for  
Hex(71C17F) contains.

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**Color**

**Hex(71C17F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	71C17F
RGB	113, 193, 127
RGB Percent	44%, 76%, 50%
CMY	0.5569, 0.2431, 0.5020
CMYK	0.41, 0.00, 0.34, 0.24
HSL	131°, 39%, 60%
HSV	131°, 41%, 76%
XYZ	29.7108, 43.1829, 26.8479
YIQ	161.5560, -26.4940, -37.4860

# Conversions

## Conversions Part 2

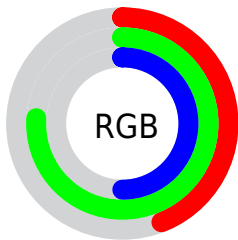
<b>Format</b>	<b>Color</b>
<b>RYB</b>	113, 181, 193
Decimal	7455103
CIELab	71.68, -38.59, 25.76
CIELCh	72, 46.397, 146.280
Yxy	43.1829, 0.2979, 0.4329
Android (android.graphics.Color)	4285645183 (0xFF71C17F)
YUV	161.5560, -17.0361, -42.5836
Hunter-Lab	65.7137, -34.2948, 21.7762

# Details

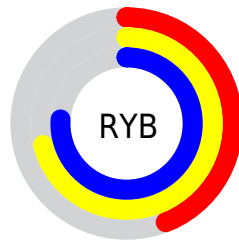
The Hex color **71C17F** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **C171B3**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **A8FAB4**, and **3B8B4D** is the 20% darker color. If you saturate the color by 10%, you get **5EC16F**, and if you desaturate by 10%, it is **84C18F**.

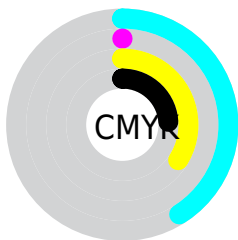
# Distribution



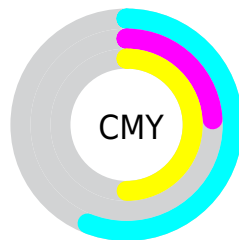
- Red (44%)
- Green (76%)
- Blue (50%)



- Red (44%)
- Yellow (71%)
- Blue (76%)



- Cyan (41%)
- Magenta (0%)
- Yellow (34%)
- Black (24%)



- Cyan (56%)
- Magenta (24%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 71C17F 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 71C17F by changing the saturation by 10% instead.



 71C17F

 71C17F

FFFFFF

 56A666

 A8FAB4

 3B8B4D

 C4FFD0

 1D7136

 E1FFEC

 00581F

 004008

 002A00

 000B00

 000000

 71C17F

 71C17F

 5EC16F

 84C18F

 4AC15F

 98C19F

 37C14F

 ABC1AF

 24C13F

 BEC1BF

 10C12F

 D1C1CF

 00C122

 E5C1DF

 F8C1EE

 FFC1FE

 FFC1FF

# Harmonies

## Analogous

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



A4B861



71C17F



20C5A9

# Triad

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



71C17F



5EB6FF



FF908C

# Complementary

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



71C17F



C171B3

# 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.



FB8DB7



71C17F



ABA7FC

# Square

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



71C17F



00C0F5



DF97DF



EF9C6A

# Rectangle

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



71C17F



00C6C6



DF97DF



FF8E9A

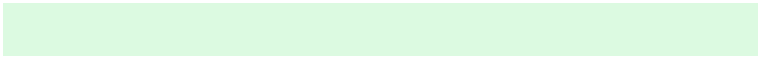


# Sweetspot

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



71C17F



DCFAE1



B4C171



6B7D6F



FCFCFC



7D7D7D



# Same Dimension

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



71C17F



7DFA93



71C1A6



576159



00A11C



002106



# Inverse Universe

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



C171B3



FA7DE4



C1718C



61575F



A10085



21001B



# Previews

## White Background



This preview shows how the Hex color 71C17F looks on a white background.

## Color Contrast Check

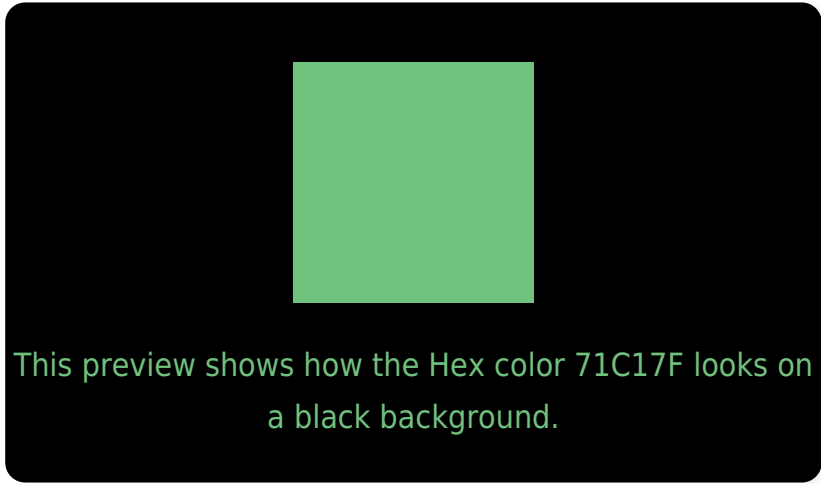
Large Text (above 18pt) WCAG AA × Fail

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

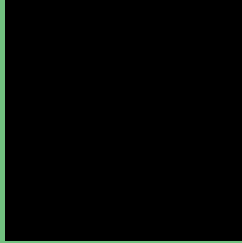
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 71C17F Background



This preview shows how black text looks on a background with the Hex color 71C17F.

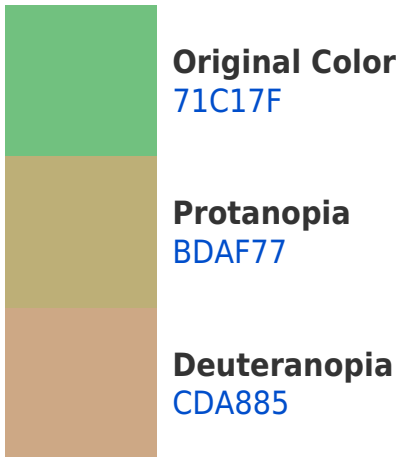


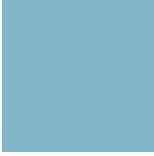
This preview shows how white text looks on a background with the Hex color 71C17F.

# 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**  
80B8C7

# Trichromacy



**Original Color**  
71C17F



**Protanomaly**  
A1B67A



**Deuteranomaly**  
ACB183



**Tritanomaly**  
7BBBAD

# Monochromacy



**Original Color**  
71C17F



**Achromatopsia**  
A2A2A2



**Achromatomaly**  
90AD95

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 71C17F 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 #71C17F looks like.

```
.text, #text, p{  
    color:#71C17F  
}
```

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 #71C17F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71C17F
}
```

## Border

The CSS property to change the border of an element to Hex 71C17F 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
#71C17F }
```

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

```
.border{ border-color:#71C17F }
```

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

Here you see how a box with a 4 pixel #71C17F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71C17F; -webkit-box-shadow:4px 4px  
4px 4px #71C17F; box-shadow:4px 4px 4px  
4px #71C17F }
```

# Background

The CSS property to change the background color of an element to Hex 71C17F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71C17F }
```

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

```
.background{ background-color:#71C17F }
```

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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