

# Converting Colors

Hex(79C780)

Have a look what the booklet for  
Hex(79C780) contains.

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# **Color**

**Hex(79C780)**

# Conversions

## Conversions Part 1

Format	Color
Hex	79C780
RGB	121, 199, 128
RGB Percent	47%, 78%, 50%
CMY	0.5255, 0.2196, 0.4980
CMYK	0.39, 0.00, 0.36, 0.22
HSL	125°, 41%, 63%
HSV	125°, 39%, 78%
XYZ	32.2049, 46.4703, 27.6944
YIQ	167.5840, -23.6970, -38.6170

# Conversions

## Conversions Part 2

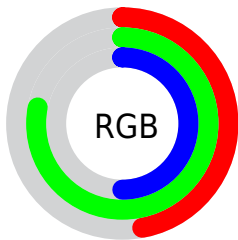
<b>Format</b>	<b>Color</b>
<b>RYB</b>	121, 193, 199
Decimal	7980928
CIELab	73.85, -38.71, 28.19
CIELCh	74, 47.887, 143.930
Yxy	46.4703, 0.3028, 0.4369
Android (android.graphics.Color)	4286171008 (0xFF79C780)
YUV	167.5840, -19.5149, -40.8542
Hunter-Lab	68.1691, -34.9680, 23.6313

# Details

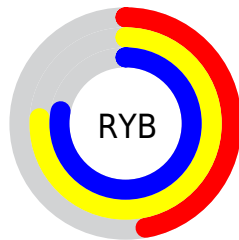
The Hex color **79C780** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **C779C0**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **B0FFB5**, and **43904E** is the 20% darker color. If you saturate the color by 10%, you get **65C76E**, and if you desaturate by 10%, it is **8DC792**.

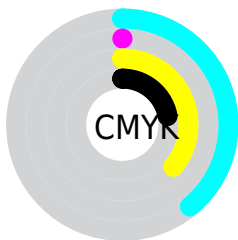
# Distribution



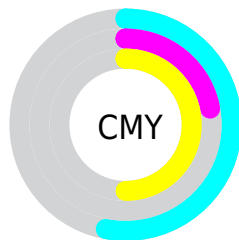
- Red (47%)
- Green (78%)
- Blue (50%)



- Red (47%)
- Yellow (76%)
- Blue (78%)



- Cyan (39%)
- Magenta (0%)
- Yellow (36%)
- Black (22%)



- Cyan (53%)
- Magenta (22%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 79C780 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 79C780 by changing the saturation by 10% instead.



 79C780

 79C780

FFFFFF

 5EAB67

 B0FFB5

 43904E

 CDFFD1

 277636

 EAFFEE

 005D1F

 004508

 002E00

 001600

 000000

 79C780

 79C780

 65C76E

 8DC792

 51C75C

 A1C7A4

 3DC74A

 B5C7B6

 29C738

 C9C7C8

 15C725

 DDC7DB

 02C713

 F0C7ED

 00C712

 FFC7FF

# Harmonies

## Analogous

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



ADBE63



79C780



2ACCAB

# Triad

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



79C780



58BDFE



FF9494

# Complementary

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



79C780



C779C0

# 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.



FF92C0



79C780



ACADFF

# Square

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



79C780



00C7FB



E49DEA



F9A070

# Rectangle

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



79C780



00CCC9



E49DEA



FF92A3

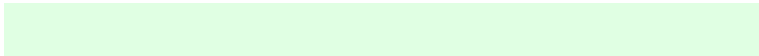


# Sweetspot

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



79C780



E0FFE3



C1C779



6E806F



000000



808080



# Same Dimension

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



79C780



87FF92



79C7A7



5A635A



00A30F



002403



# Inverse Universe

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



C779C0



FF87F4



C7799A



635A63



A30095



240020



# Previews

## White Background



This preview shows how the Hex color 79C780 looks on a white background.

## Color Contrast Check

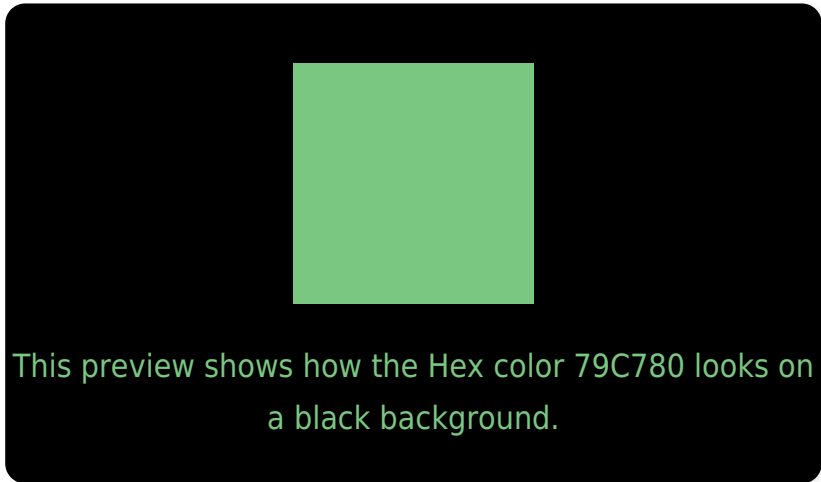
Large Text (above 18pt) WCAG AA × Fail

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

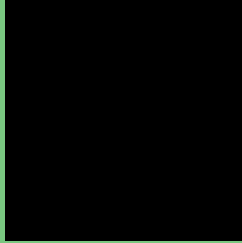
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 79C780 Background



This preview shows how black text looks on a background with the Hex color 79C780.

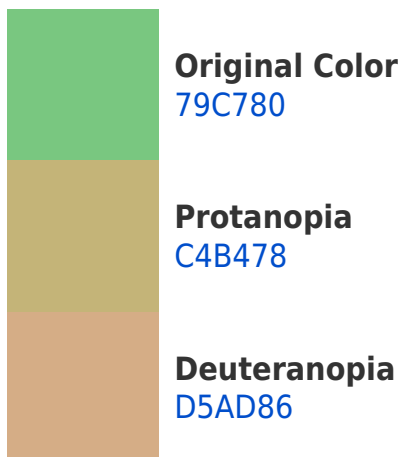


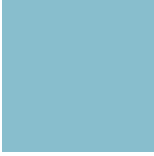
This preview shows how white text looks on a background with the Hex color 79C780.

# 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**  
88BECD

# Trichromacy



**Original Color**  
79C780



**Protanomaly**  
A9BB7B



**Deuteranomaly**  
B4B684

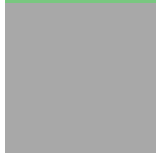


**Tritanomaly**  
83C1B1

# Monochromacy



**Original Color**  
79C780



**Achromatopsia**  
A8A8A8



**Achromatomaly**  
97B399

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 79C780 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 #79C780 looks like.

```
.text, #text, p{  
    color:#79C780  
}
```

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 #79C780 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #79C780
}
```

## Border

The CSS property to change the border of an element to Hex 79C780 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
#79C780 }
```

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

```
.border{ border-color:#79C780 }
```

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

Here you see how a box with a 4 pixel #79C780 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #79C780; -webkit-box-shadow:4px 4px  
4px 4px #79C780; box-shadow:4px 4px 4px  
4px #79C780 }
```

# Background

The CSS property to change the background color of an element to Hex 79C780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#79C780 }
```

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

```
.background{ background-color:#79C780 }
```

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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