

# Converting Colors

Hex(78C896)

Have a look what the booklet for  
Hex(78C896) contains.

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**Color**

**Hex(78C896)**

# Conversions

## Conversions Part 1

Format	Color
Hex	78C896
RGB	120, 200, 150
RGB Percent	47%, 78%, 59%
CMY	0.5294, 0.2157, 0.4118
CMYK	0.40, 0.00, 0.25, 0.22
HSL	142°, 42%, 63%
HSV	142°, 40%, 78%
XYZ	33.9050, 47.5036, 36.2363
YIQ	170.3800, -31.6300, -32.5100

# Conversions

## Conversions Part 2

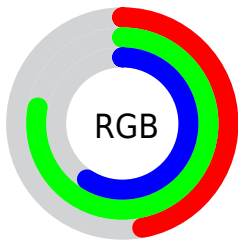
Format	Color
<a href="#">RYB</a>	<a href="#">120, 178, 200</a>
Decimal	<a href="#">7915670</a>
CIELab	<a href="#">74.51, -35.53, 17.45</a>
CIELCh	<a href="#">75, 39.584, 153.835</a>
Yxy	<a href="#">47.5036, 0.2882, 0.4038</a>
Android (android.graphics.Color)	<a href="#">4286105750 (0xFF78C896)</a>
YUV	<a href="#">170.3800, -10.0473, -44.1833</a>
Hunter-Lab	<a href="#">68.9229, -32.8061, 17.0742</a>

# Details

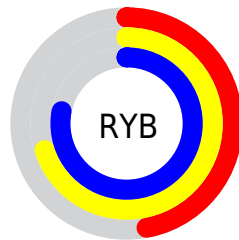
The Hex color **78C896** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **C878AA**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **AFFFC**, and **429163** is the 20% darker color. If you saturate the color by 10%, you get **64C88A**, and if you desaturate by 10%, it is **8CC8A3**.

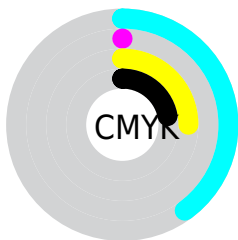
# Distribution



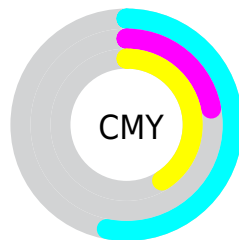
- Red (47%)
- Green (78%)
- Blue (59%)



- Red (47%)
- Yellow (70%)
- Blue (78%)



- Cyan (40%)
- Magenta (0%)
- Yellow (25%)
- Black (22%)



- Cyan (53%)
- Magenta (22%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 78C896 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 78C896 by changing the saturation by 10% instead.



 78C896

 78C896

FFFFFF

 5DAC7C

 AFFFC

 429163


 CCFFE9

 26774B

 E8FFFF

 005E34

 00461E

 002F07

 001800

 000000

 78C896

 78C896

 64C88A

 8CC8A3

 50C87D

 A0C8AF

 3CC871

 B4C8BC

 28C864

 C8C8C8

 14C858

 DCC8D5

 00C84B

 F0C8E1

 FFC8EE

 FFC8FA

 FFC8FF

# Harmonies

## Analogous

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



A4C17A



78C896



46CBBB

# Triad

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



78C896



8AB9FF



FC9F91

# Complementary

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



78C896



C878AA

# 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.



FD9BB4



78C896



C2ACF4

# Square

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



78C896



4AC4F8



E9A0D8



EAAA77

# Rectangle

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



78C896



23CAD3



E9A0D8



FE9D9C

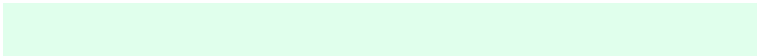


# Sweetspot

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



78C896



E0FFEC



ABC878



6E8074



000000



808080

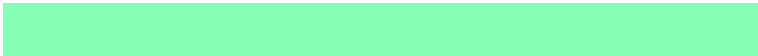


# Same Dimension

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



78C896



85FFB3



78C8BD



5A635D



00A33D



00240D



# Inverse Universe

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



C878AA



FF85D1



C87883



635A60



A30066



240016



# Previews

## White Background



This preview shows how the Hex color 78C896 looks on a white background.

## Color Contrast Check

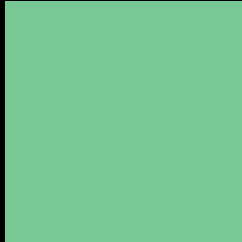
Large Text (above 18pt) WCAG AA × Fail

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 78C896 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

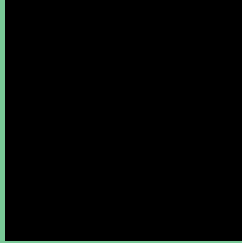
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 78C896 Background



This preview shows how black text looks on a background with the Hex color 78C896.

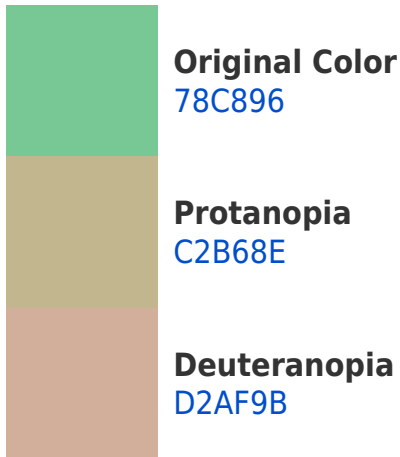


This preview shows how white text looks on a background with the Hex color 78C896.

# 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**  
85C0D0

# Trichromacy



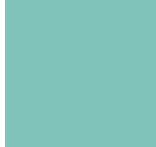
**Original Color**  
78C896



**Protanomaly**  
A7BD91



**Deuteranomaly**  
B1B899



**Tritanomaly**  
80C3BB

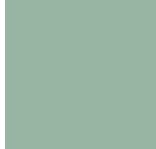
# Monochromacy



**Original Color**  
78C896



**Achromatopsia**  
AAAAAA



**Achromatomaly**  
98B5A3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 78C896 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 #78C896 looks like.

```
.text, #text, p{  
    color:#78C896  
}
```

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 #78C896 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78C896
}
```

## Border

The CSS property to change the border of an element to Hex 78C896 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
#78C896 }
```

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

```
.border{ border-color:#78C896 }
```

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

Here you see how a box with a 4 pixel #78C896 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78C896; -webkit-box-shadow:4px 4px  
4px 4px #78C896; box-shadow:4px 4px 4px  
4px #78C896 }
```

# Background

The CSS property to change the background color of an element to Hex 78C896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78C896 }
```

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

```
.background{ background-color:#78C896 }
```

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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