

Converting Colors

Hex(78C997)

Have a look what the booklet for
Hex(78C997) contains.

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Color

Hex(78C997)

Conversions

Conversions Part 1

Format	Color
Hex	78C997
RGB	120, 201, 151
RGB Percent	47%, 79%, 59%
CMY	0.5294, 0.2118, 0.4078
CMYK	0.40, 0.00, 0.25, 0.21
HSL	143°, 43%, 63%
HSV	143°, 40%, 79%
XYZ	34.2183, 48.0007, 36.7397
YIQ	171.0810, -32.2260, -32.7220

Conversions

Conversions Part 2

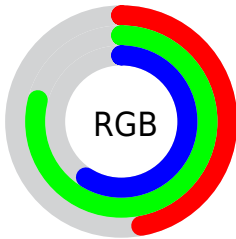
Format	Color
RYB	120, 179, 201
Decimal	7915927
CIELab	74.83, -35.79, 17.36
CIELCh	75, 39.782, 154.129
Yxy	48.0007, 0.2876, 0.4035
Android (android.graphics.Color)	4286106007 (0xFF78C997)
YUV	171.0810, -9.8999, -44.7980
Hunter-Lab	69.2826, -33.0843, 17.0570

Details

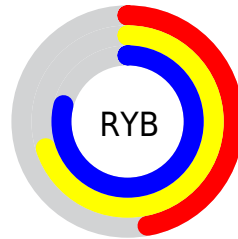
The Hex color **78C997** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **C978AA**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **AFFBCD**, and **429264** is the 20% darker color. If you saturate the color by 10%, you get **64C98B**, and if you desaturate by 10%, it is **8CC9A3**.

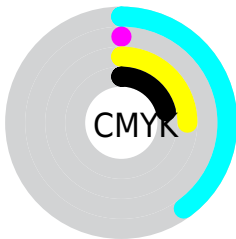
Distribution



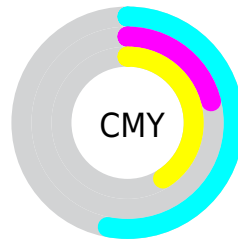
- Red (47%)
- Green (79%)
- Blue (59%)



- Red (47%)
- Yellow (70%)
- Blue (79%)



- Cyan (40%)
- Magenta (0%)
- Yellow (25%)
- Black (21%)



- Cyan (53%)
- Magenta (21%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78C997 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 78C997 by changing the saturation by 10% instead.

 78C997

 78C997

FFFFFF

 5DAD7D

 AFFECD

 429264

 CCFEA

 25784C

 E9FFFF

 005F35

 00471F

 002F09

 001900

 000000

 78C997

 78C997

 64C98B

 8CC9A3

 50C97E

 A0C9B0

 3CC972

 B4C9BC

 28C965

 C8C9C9

 14C959

 DDC9D5

 00C94D

 F1C9E1

 FFC9EE

 FFC9FA

 FFC9FF

Harmonies

Analogous

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



A4C27A



78C997



45CCBC

Triad

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



78C997



8BBAFF



FDA091

Complementary

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



78C997



C978AA

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.



FE9CB4



78C997



C3ADF5

Square

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



78C997



4AC4F9



EBA1D9



EAAB77

Rectangle

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



78C997



22CBD5



EBA1D9



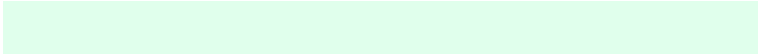
FF9D9C

Sweetspot

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



78C997



E0FFEC



ABC978



6E8074



000000



808080

Same Dimension

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



78C997



85FFB3



78C9BE



5A635D



00A33E



00240E

Inverse Universe

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



C978AA



FF85D0



C97883



635A60



A30065



240016

Previews

White Background



This preview shows how the Hex color 78C997 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 78C997 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

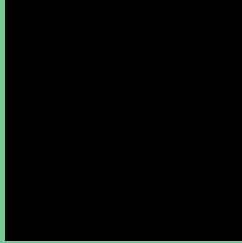
Any Text WCAG AA ✓ Pass

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 78C997 Background



This preview shows how black text looks on a background with the Hex color 78C997.

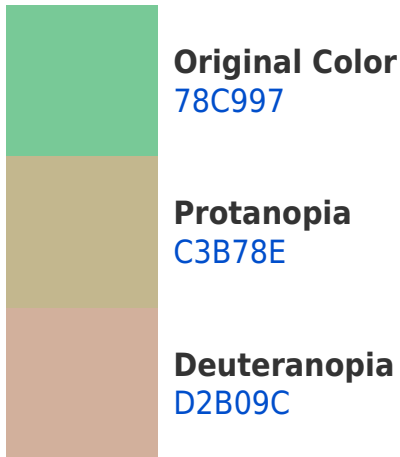


This preview shows how white text looks on a background with the Hex color 78C997.

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
85C1D1

Trichromacy



Original Color
78C997



Protanomaly
A8BE91



Deuteranomaly
B1B99A



Tritanomaly
80C4BC

Monochromacy



Original Color
78C997



Achromatopsia
ABABAB



Achromatomaly
98B6A4

CSS Examples

Text

The CSS property to change the color of the text to Hex 78C997 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 #78C997 looks like.

```
.text, #text, p{  
    color:#78C997  
}
```

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 #78C997 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78C997
}
```

Border

The CSS property to change the border of an element to Hex 78C997 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
#78C997 }
```

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

```
.border{ border-color:#78C997 }
```

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

Here you see how a box with a 4 pixel #78C997 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78C997; -webkit-box-shadow:4px 4px  
4px 4px #78C997; box-shadow:4px 4px 4px  
4px #78C997 }
```

Background

The CSS property to change the background color of an element to Hex 78C997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78C997 }
```

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

```
.background{ background-color:#78C997 }
```

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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