

Converting Colors

Hex(78C8C4)

Have a look what the booklet for
Hex(78C8C4) contains.

Hex(78C8C4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(78C8C4)

Conversions

Conversions Part 1

Format	Color
Hex	78C8C4
RGB	120, 200, 196
RGB Percent	47%, 78%, 77%
CMY	0.5294, 0.2157, 0.2314
CMYK	0.40, 0.00, 0.02, 0.22
HSL	177°, 42%, 63%
HSV	177°, 40%, 78%
XYZ	38.3638, 49.2871, 59.7159
YIQ	175.6240, -46.3960, -18.2040

Conversions

Conversions Part 2

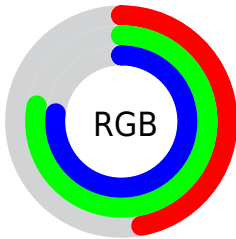
Format	Color
RYB	120, 161, 200
Decimal	7915716
CIELab	75.63, -25.44, -5.73
CIELCh	76, 26.078, 192.687
Yxy	49.2871, 0.2603, 0.3345
Android (android.graphics.Color)	4286105796 (0xFF78C8C4)
YUV	175.6240, 10.0454, -48.7822
Hunter-Lab	70.2048, -25.3161, -1.2885

Details

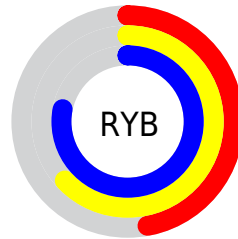
The Hex color **78C8C4** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **C8787C**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **B0FFFD**, and **40928E** is the 20% darker color. If you saturate the color by 10%, you get **64C8C3**, and if you desaturate by 10%, it is **8CC8C5**.

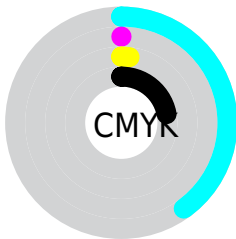
Distribution



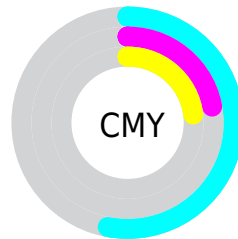
- Red (47%)
- Green (78%)
- Blue (77%)



- Red (47%)
- Yellow (63%)
- Blue (78%)



- Cyan (40%)
- Magenta (0%)
- Yellow (2%)
- Black (22%)



- Cyan (53%)
- Magenta (22%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78C8C4 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 78C8C4 by changing the saturation by 10% instead.

 78C8C4

 78C8C4

FFFFFF

 5CACA9

 B0FFFD

 40928E

 CDFFFF

 227875

 EAFFFF

 005F5C

 004745

 00302F

 001D1A

 000000

 78C8C4

 78C8C4

 64C8C3

 8CC8C5

 50C8C2

 A0C8C6

 3CC8C1

 B4C8C7

 28C8C0

 C8C8C8

 14C8BF

 DCC8C9

 00C8BE

 F0C8CA

 FFC8CB

 FFC8CC

 FFC8CD

Harmonies

Analogous

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



8CC7AB



78C8C4



76C6DA

Triad

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



78C8C4



CBB1DE



D9B48D

Complementary

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



78C8C4



C8787C

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.



E8AD9B



78C8C4



E2ABC9

Square

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



78C8C4



ABB9E9



EBA9B1



C2BC8B

Rectangle

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



78C8C4



82C3E4



EBA9B1



DFB190

Sweetspot

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



78C8C4



E0FFFD



7CC878



6E807F



000000



808080

Same Dimension

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



78C8C4



85FFF9



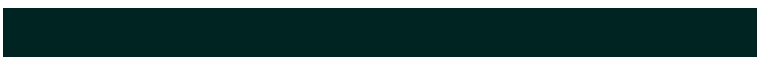
78A4C8



5A6363



00A39B



002422

Inverse Universe

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



C8787C



FF858B



C89C78



635A5A



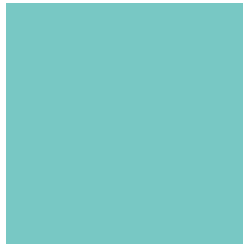
A30008



240002

Previews

White Background



This preview shows how the Hex color 78C8C4 looks on a white background.

Color Contrast Check

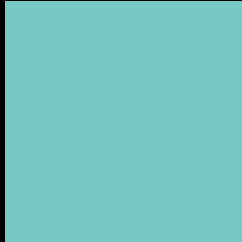
Large Text (above 18pt) WCAG AA × Fail

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 78C8C4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

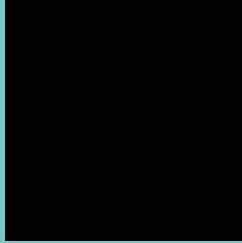
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

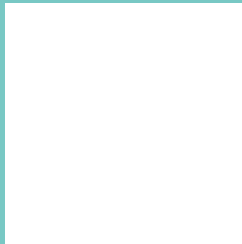
Any Text WCAG AAA ✓ Pass

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

Hex 78C8C4 Background



This preview shows how black text looks on a background with the Hex color 78C8C4.



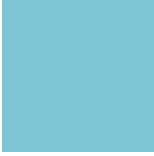
This preview shows how white text looks on a background with the Hex color 78C8C4.

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
7DC5D5

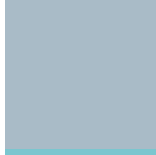
Trichromacy



Original Color
78C8C4



Protanomaly
A3BEBE



Deuteranomaly
A9BBC7

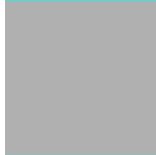


Tritanomaly
7BC6CF

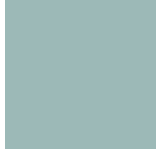
Monochromacy



Original Color
78C8C4



Achromatopsia
B0B0B0



Achromatomaly
9CB9B7

CSS Examples

Text

The CSS property to change the color of the text to Hex 78C8C4 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 #78C8C4 looks like.

```
.text, #text, p{  
    color:#78C8C4  
}
```

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 #78C8C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78C8C4
}
```

Border

The CSS property to change the border of an element to Hex 78C8C4 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
#78C8C4 }
```

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

```
.border{ border-color:#78C8C4 }
```

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

Here you see how a box with a 4 pixel #78C8C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78C8C4; -webkit-box-shadow:4px 4px  
4px 4px #78C8C4; box-shadow:4px 4px 4px  
4px #78C8C4 }
```

Background

The CSS property to change the background color of an element to Hex 78C8C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78C8C4 }
```

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

```
.background{ background-color:#78C8C4 }
```

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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