

# Converting Colors

Hex(78E8CA)

Have a look what the booklet for  
Hex(78E8CA) contains.

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**Color**

**Hex(78E8CA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	78E8CA
RGB	120, 232, 202
RGB Percent	47%, 91%, 79%
CMY	0.5294, 0.0902, 0.2078
CMYK	0.48, 0.00, 0.13, 0.09
HSL	164°, 71%, 69%
HSV	164°, 48%, 91%
XYZ	47.2630, 65.9706, 66.1197
YIQ	195.0920, -57.1220, -33.0740

# Conversions

## Conversions Part 2

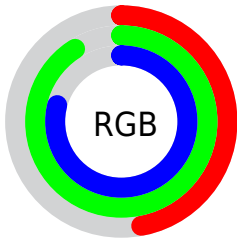
Format	Color
<b>RYB</b>	120, 185, 232
Decimal	7923914
CIELab	84.98, -39.14, 4.74
CIELCh	85, 39.427, 173.092
Yxy	65.9706, 0.2635, 0.3678
Android (android.graphics.Color)	4286113994 (0xFF78E8CA)
YUV	195.0920, 3.4056, -65.8557
Hunter-Lab	81.2223, -38.2703, 8.5900

# Details

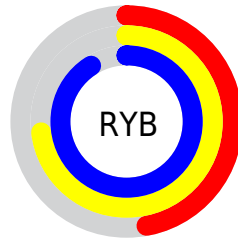
The Hex color **78E8CA** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **E87896**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **B2FFFF**, and **3BB094** is the 20% darker color. If you saturate the color by 10%, you get **61E8C4**, and if you desaturate by 10%, it is **8FE8D0**.

# Distribution



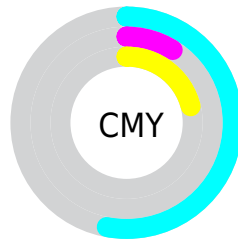
- Red (47%)
- Green (91%)
- Blue (79%)



- Red (47%)
- Yellow (73%)
- Blue (91%)



- Cyan (48%)
- Magenta (0%)
- Yellow (13%)
- Black (9%)



- Cyan (53%)
- Magenta (9%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 78E8CA 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 78E8CA by changing the saturation by 10% instead.



 78E8CA

 78E8CA

FFFFFF

 5BCCAF

 B2FFFF

 3BB094

 D0FFFF

 10957A

 EDFFFF

 007A61

 00614A

 004833

 00311E

 001A06

 000000

 78E8CA

 78E8CA

 61E8C4

 8FE8D0

 4AE8BE

 A6E8D6

 32E8B7

 BEE8DD

 1BE8B1

 D5E8E3

 04E8AB

 ECE8E9

 00E8AA

 FFE8EF

 FFE8F5

 FFE8FC

 FFE8FF

# Harmonies

## Analogous

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



A5E3A6



78E8CA



54E8F0

# Triad

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



78E8CA



CDCEFF



FFC29A

# Complementary

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



78E8CA



E87896

# 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.



FFB9B9



78E8CA



FBC1FF

# Square

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



78E8CA



94DAFF



FFB9DE



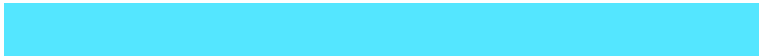
F6CF8A

# Rectangle

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



78E8CA



54E6FF



FFB9DE



FFBFA3



# Sweetspot

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



78E8CA



DBFFF5



98E878



6A807A



000000



808080



# Same Dimension

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



78E8CA



6BFFD7



78D0E8



677370



00B383



003325



# Inverse Universe

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



E87896



FF6B93



E89078



73676A



B30030

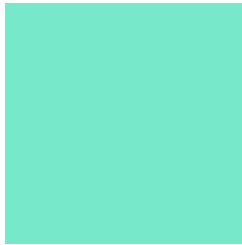


33000E



# Previews

## White Background



This preview shows how the Hex color 78E8CA looks on a white background.

## Color Contrast Check

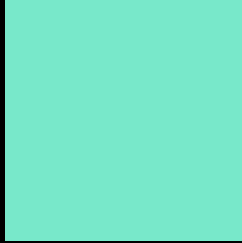
Large Text (above 18pt) WCAG AA × Fail

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 78E8CA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

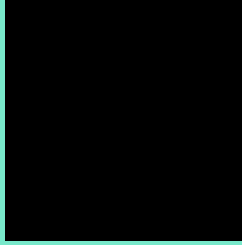
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

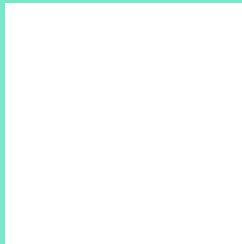
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 78E8CA Background



This preview shows how black text looks on a background with the Hex color 78E8CA.

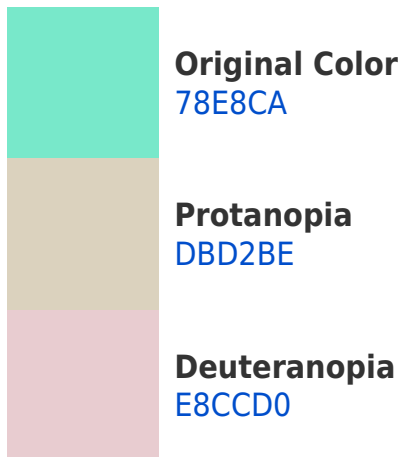


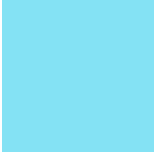
This preview shows how white text looks on a background with the Hex color 78E8CA.

# 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**  
84E2F4

# Trichromacy



**Original Color**  
78E8CA



**Protanomaly**  
B7DAC2



**Deuteranomaly**  
BFD6CE

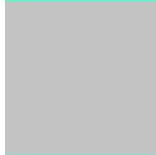


**Tritanomaly**  
80E4E5

# Monochromacy



**Original Color**  
78E8CA



**Achromatopsia**  
C3C3C3



**Achromatomaly**  
A8D0C6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 78E8CA 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 #78E8CA looks like.

```
.text, #text, p{  
    color:#78E8CA  
}
```

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 #78E8CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78E8CA
}
```

## Border

The CSS property to change the border of an element to Hex 78E8CA 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
#78E8CA }
```

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

```
.border{ border-color:#78E8CA }
```

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

Here you see how a box with a 4 pixel #78E8CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78E8CA; -webkit-box-shadow:4px 4px  
4px 4px #78E8CA; box-shadow:4px 4px 4px  
4px #78E8CA }
```

# Background

The CSS property to change the background color of an element to Hex 78E8CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78E8CA }
```

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

```
.background{ background-color:#78E8CA }
```

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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