

# Converting Colors

Hex(7EC8C6)

Have a look what the booklet for  
Hex(7EC8C6) contains.

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# Color

**Hex(7EC8C6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7EC8C6
RGB	126, 200, 198
RGB Percent	49%, 78%, 78%
CMY	0.5059, 0.2157, 0.2235
CMYK	0.37, 0.00, 0.01, 0.22
HSL	178°, 40%, 64%
HSV	178°, 37%, 78%
XYZ	39.4515, 49.8214, 60.9633
YIQ	177.6460, -43.4620, -16.3100

# Conversions

## Conversions Part 2

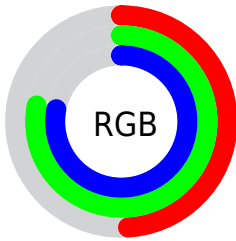
<b>Format</b>	<b>Color</b>
<b>RYB</b>	126, 164, 200
Decimal	8308934
CIELab	75.96, -23.40, -6.29
CIELCh	76, 24.234, 195.045
Yxy	49.8214, 0.2626, 0.3316
Android (android.graphics.Color)	4286499014 (0xFF7EC8C6)
YUV	177.6460, 10.0345, -45.2935
Hunter-Lab	70.5843, -23.7539, -1.7995

# Details

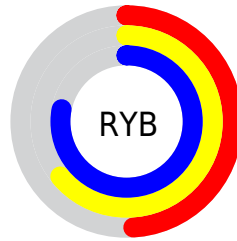
The Hex color **7EC8C6** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **C87E80**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **B6FFFF**, and **479290** is the 20% darker color. If you saturate the color by 10%, you get **6AC8C5**, and if you desaturate by 10%, it is **92C8C7**.

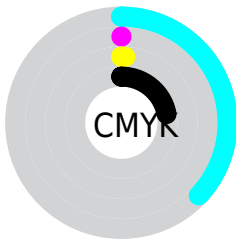
# Distribution



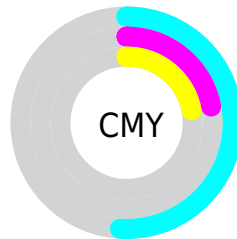
- Red (49%)
- Green (78%)
- Blue (78%)



- Red (49%)
- Yellow (64%)
- Blue (78%)



- Cyan (37%)
- Magenta (0%)
- Yellow (1%)
- Black (22%)



- Cyan (51%)
- Magenta (22%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7EC8C6 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 7EC8C6 by changing the saturation by 10% instead.





7EC8C6



7EC8C6

FFFFFF



63ADAB



B6FFFF



479290



D2FFFF



2B7877



EFFFFFF



035F5E



004746



003030



001D1B



000000



7EC8C6



7EC8C6

6AC8C5

92C8C7

56C8C5

A6C8C7

42C8C4

BAC8C8

2EC8C4

CEC8C8

1AC8C3

E2C8C9

06C8C3

F6C8C9

00C8C3

FFC8CA

FFC8CB

# Harmonies

## Analogous

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



8FC7AF



7EC8C6



7EC6DA

# Triad

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



7EC8C6



CDB2DB



D6B691

# Complementary

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



7EC8C6



C87E80

# 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.



E5AF9D



7EC8C6



E1ACC7

# Square

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



7EC8C6



B0B9E6



E9ABB1



C0BD90

# Rectangle

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



7EC8C6



8AC3E3



E9ABB1



DCB493



# Sweetspot

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



7EC8C6



E3FFFE



80C87E



6F807F



000000



808080



# Same Dimension

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



7EC8C6



8FFFFC



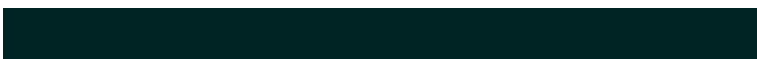
7EA5C8



5A6363



00A39F



002423



# Inverse Universe

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



C87E80



FF8F92



C8A17E



635A5A



A30004

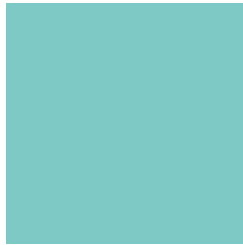


240001



# Previews

## White Background



This preview shows how the Hex color 7EC8C6 looks on a white background.

## Color Contrast Check

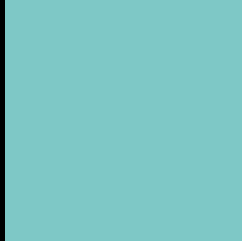
Large Text (above 18pt) WCAG AA × Fail

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 7EC8C6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

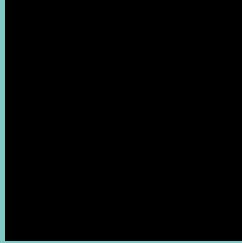
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

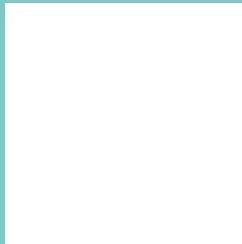
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7EC8C6 Background



This preview shows how black text looks on a background with the Hex color 7EC8C6.

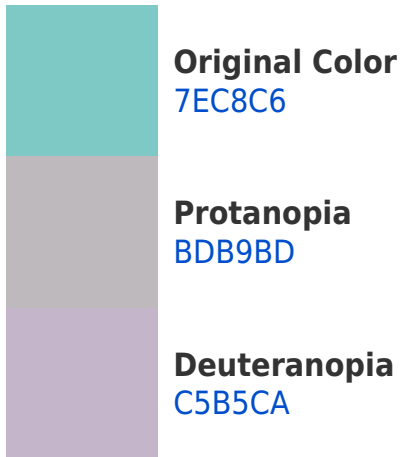


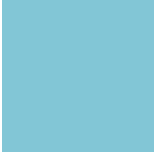
This preview shows how white text looks on a background with the Hex color 7EC8C6.

# 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



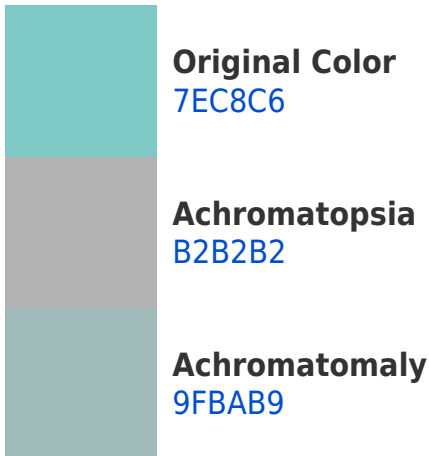


**Tritanopia**  
82C6D6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7EC8C6 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 #7EC8C6 looks like.

```
.text, #text, p{  
    color:#7EC8C6  
}
```

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 #7EC8C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7EC8C6
}
```

## Border

The CSS property to change the border of an element to Hex 7EC8C6 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
#7EC8C6 }
```

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

```
.border{ border-color:#7EC8C6 }
```

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

Here you see how a box with a 4 pixel #7EC8C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7EC8C6; -webkit-box-shadow:4px 4px  
4px 4px #7EC8C6; box-shadow:4px 4px 4px  
4px #7EC8C6 }
```

# Background

The CSS property to change the background color of an element to Hex 7EC8C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7EC8C6 }
```

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

```
.background{ background-color:#7EC8C6 }
```

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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