

# Converting Colors

Hex(7EC8E8)

Have a look what the booklet for  
Hex(7EC8E8) contains.

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# Color

**Hex(7EC8E8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7EC8E8
RGB	126, 200, 232
RGB Percent	49%, 78%, 91%
CMY	0.5059, 0.2157, 0.0902
CMYK	0.46, 0.14, 0.00, 0.09
HSL	198°, 70%, 70%
HSV	198°, 46%, 91%
XYZ	43.8239, 51.5704, 83.9882
YIQ	181.5220, -54.3760, -5.7360

# Conversions

## Conversions Part 2

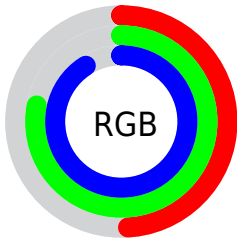
Format	Color
R <sub>Y</sub> B	126, 170, 232
Decimal	8308968
CIE Lab	77.02, -14.69, -23.04
CIE LCh	77, 27.321, 237.476
Yxy	51.5704, 0.2443, 0.2875
Android (android.graphics.Color)	4286499048 (0xFF7EC8E8)
YUV	181.5220, 24.8857, -48.6928
Hunter-Lab	71.8125, -16.7414, -19.0738

# Details

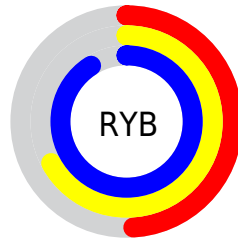
The Hex color **7EC8E8** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **E89E7E**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **B7FFFF**, and **4492B0** is the 20% darker color. If you saturate the color by 10%, you get **67C1E8**, and if you desaturate by 10%, it is **95CFE8**.

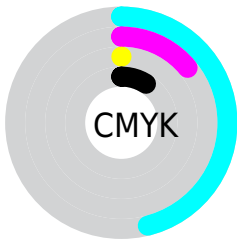
# Distribution



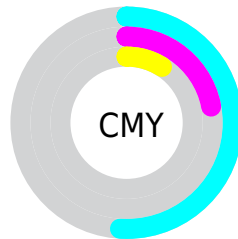
- Red (49%)
- Green (78%)
- Blue (91%)



- Red (49%)
- Yellow (67%)
- Blue (91%)



- Cyan (46%)
- Magenta (14%)
- Yellow (0%)
- Black (9%)



- Cyan (51%)
- Magenta (22%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7EC8E8 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 7EC8E8 by changing the saturation by 10% instead.



 7EC8E8

 7EC8E8

FFFFFF

 61ADCC

 B7FFFF

 4492B0

 D4FFFF

 237896

 F2FFFF

 005F7C

 004863

 00314B

 001D34

 00021F

 000002

 7EC8E8

 7EC8E8

 67C1E8

 95CFE8

 50BAE8

 ACD6E8

 38B3E8

 C4DDE8

 21ACE8

 DBE4E8

 0AA5E8

 F2EBE8

 00A2E8

 FFF2E8

 FFF9E8

 FFFF E8

# Harmonies

## Analogous

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



74CCD5



7EC8E8



9CC1F0

# Triad

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



7EC8E8



EEACC1



B8C491

# Complementary

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



7EC8E8



E89E7E

# 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.



D3BC8C



7EC8E8



F1ADA8

# Square

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



7EC8E8



DDB0DA



E7B394



9BC9A2

# Rectangle

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



7EC8E8



B4BBEE



E7B394



C1C18E

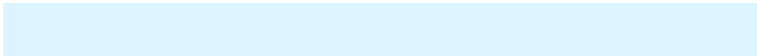


# Sweetspot

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



7EC8E8



DBF4FF



7EE89E



6A7980



000000



808080

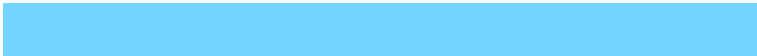


# Same Dimension

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



7EC8E8



73D5FF



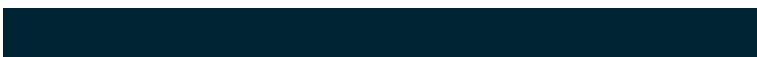
7E93E8



676F73



007DB3



002433



# Inverse Universe

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



E87EC8



FF73D5



E8D37E



73676F



B3007D

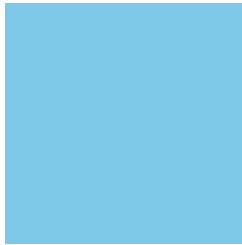


330024



# Previews

## White Background



This preview shows how the Hex color 7EC8E8 looks on a white background.

## Color Contrast Check

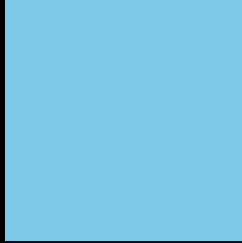
Large Text (above 18pt) WCAG AA × Fail

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 7EC8E8 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 7EC8E8 Background



This preview shows how black text looks on a background with the Hex color 7EC8E8.



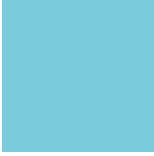
This preview shows how white text looks on a background with the Hex color 7EC8E8.

# Color Blindness Simulation

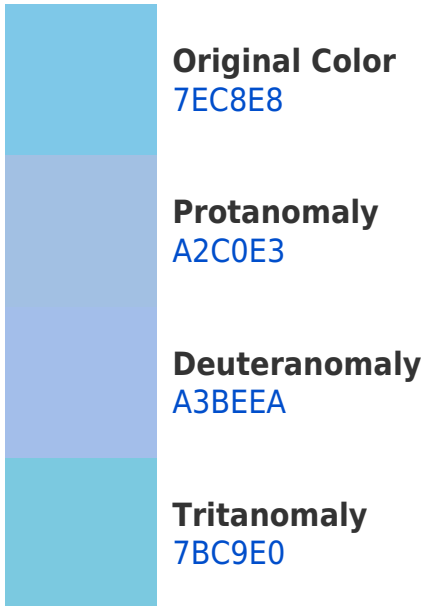
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7EC8E8 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 #7EC8E8 looks like.

```
.text, #text, p{  
    color:#7EC8E8  
}
```

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 #7EC8E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7EC8E8  
}
```

## Border

The CSS property to change the border of an element to Hex 7EC8E8 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  
#7EC8E8 }
```

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

```
.border{ border-color:#7EC8E8 }
```

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

Here you see how a box with a 4 pixel #7EC8E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7EC8E8; -webkit-box-shadow:4px 4px  
4px 4px #7EC8E8; box-shadow:4px 4px 4px  
4px #7EC8E8 }
```

# Background

The CSS property to change the background color of an element to Hex 7EC8E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7EC8E8 }
```

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

```
.background{ background-color:#7EC8E8 }
```

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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