

Converting Colors

Hex(78C8EB)

Have a look what the booklet for
Hex(78C8EB) contains.

Hex(78C8EB)	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(78C8EB)

Conversions

Conversions Part 1

Format	Color
Hex	78C8EB
RGB	120, 200, 235
RGB Percent	47%, 78%, 92%
CMY	0.5294, 0.2157, 0.0784
CMYK	0.49, 0.15, 0.00, 0.08
HSL	198°, 74%, 70%
HSV	198°, 49%, 92%
XYZ	43.3954, 51.2998, 86.2119
YIQ	180.0700, -58.9150, -6.0750

Conversions

Conversions Part 2

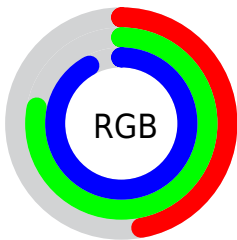
Format	Color
R _Y B	120, 167, 235
Decimal	7915755
CIE Lab	76.86, -15.25, -24.92
CIE LCh	77, 29.218, 238.537
Yxy	51.2998, 0.2399, 0.2836
Android (android.graphics.Color)	4286105835 (0xFF78C8EB)
YUV	180.0700, 27.0805, -52.6814
Hunter-Lab	71.6239, -17.1923, -21.2292

Details

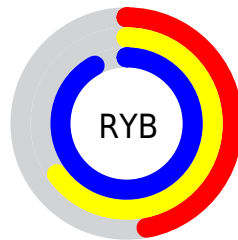
The Hex color **78C8EB** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **EB9B78**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **B2FFFF**, and **3C92B3** is the 20% darker color. If you saturate the color by 10%, you get **61C1EB**, and if you desaturate by 10%, it is **8FCFEB**.

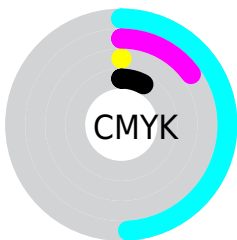
Distribution



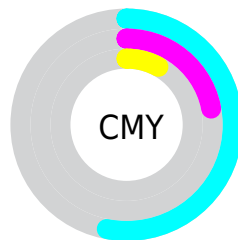
- Red (47%)
- Green (78%)
- Blue (92%)



- Red (47%)
- Yellow (65%)
- Blue (92%)



- Cyan (49%)
- Magenta (15%)
- Yellow (0%)
- Black (8%)



- Cyan (53%)
- Magenta (22%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78C8EB 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 78C8EB by changing the saturation by 10% instead.

 78C8EB

 78C8EB

FFFFFF

 5BADCF

 B2FFFF

 3C92B3

 CFFFFFF

 137898

 EDFFFF

 005F7E

 004865

 00314D

 001D36

 000221

 000006

 78C8EB

 78C8EB

 61C1EB

 8FCFEB

 49BAEB

 A7D6EB

 32B3EB

 BFDDEB

 1AABEB

 D6E5EB

 02A4EB

 EEECEB

 00A3EB

 FFF3EB

 FFFAEB

 FFFFEB

Harmonies

Analogous

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



6CCCD7



78C8EB



9AC1F3

Triad

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



78C8EB



F1AAC0



B6C48E

Complementary

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



78C8EB



EB9B78

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.



D3BB88



78C8EB



F4ACA5

Square

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



78C8EB



DFAFDA



E9B291



97CAA1

Rectangle

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



78C8EB



B4BAF1



E9B291



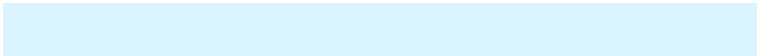
C0C18A

Sweetspot

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



78C8EB



D9F3FF



78EB9B



697980



000000



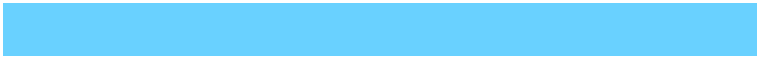
808080

Same Dimension

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



78C8EB



69D1FF



788FEB



6A7275



007EB5



002536

Inverse Universe

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



EB78C8



FF69D1



EBD478



756A72



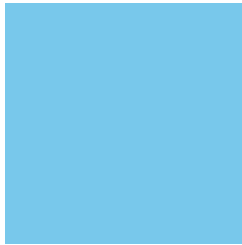
B5007E



360025

Previews

White Background



This preview shows how the Hex color 78C8EB looks on a white background.

Color Contrast Check

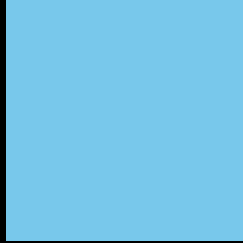
Large Text (above 18pt) WCAG AA × Fail

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 78C8EB 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 78C8EB Background



This preview shows how black text looks on a background with the Hex color 78C8EB.



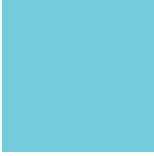
This preview shows how white text looks on a background with the Hex color 78C8EB.

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](#).

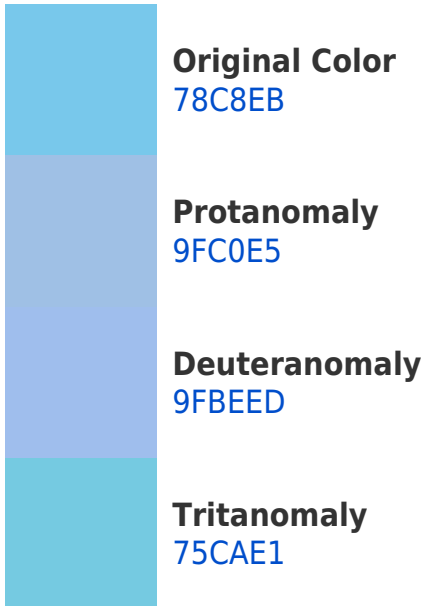
Dichromacy





Tritanopia
73CBDB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 78C8EB 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 #78C8EB looks like.

```
.text, #text, p{  
    color:#78C8EB  
}
```

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 #78C8EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78C8EB
}
```

Border

The CSS property to change the border of an element to Hex 78C8EB 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
#78C8EB }
```

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

```
.border{ border-color:#78C8EB }
```

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

Here you see how a box with a 4 pixel #78C8EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78C8EB; -webkit-box-shadow:4px 4px  
4px 4px #78C8EB; box-shadow:4px 4px 4px  
4px #78C8EB }
```

Background

The CSS property to change the background color of an element to Hex 78C8EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78C8EB }
```

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

```
.background{ background-color:#78C8EB }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor