

Converting Colors

Hex(78D8E8)

Have a look what the booklet for
Hex(78D8E8) contains.

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Color

Hex(78D8E8)

Conversions

Conversions Part 1

Format	Color
Hex	78D8E8
RGB	120, 216, 232
RGB Percent	47%, 85%, 91%
CMY	0.5294, 0.1529, 0.0902
CMYK	0.48, 0.07, 0.00, 0.09
HSL	189°, 71%, 69%
HSV	189°, 48%, 91%
XYZ	46.8671, 58.9310, 85.2486
YIQ	189.1200, -62.3520, -15.3760

Conversions

Conversions Part 2

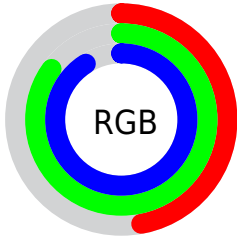
Format	Color
RYB	120, 172, 232
Decimal	7919848
CIELab	81.25, -24.18, -16.66
CIELCh	81, 29.363, 214.557
Yxy	58.9310, 0.2453, 0.3085
Android (android.graphics.Color)	4286109928 (0xFF78D8E8)
YUV	189.1200, 21.1398, -60.6182
Hunter-Lab	76.7665, -25.3646, -12.1045

Details

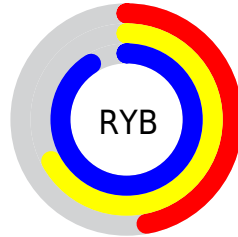
The Hex color **78D8E8** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E88878**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **B2FFFF**, and **3BA1B0** is the 20% darker color. If you saturate the color by 10%, you get **61D5E8**, and if you desaturate by 10%, it is **8FDBE8**.

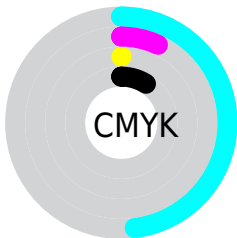
Distribution



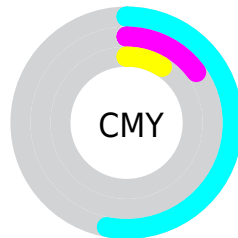
- Red (47%)
- Green (85%)
- Blue (91%)



- Red (47%)
- Yellow (67%)
- Blue (91%)



- Cyan (48%)
- Magenta (7%)
- Yellow (0%)
- Black (9%)



- Cyan (53%)
- Magenta (15%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78D8E8 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 78D8E8 by changing the saturation by 10% instead.

 78D8E8

 78D8E8

FFFFFF

 5ABCCC

 B2FFFF

 3BA1B0

 D0FFFF

 0E8796

 EEEFFF

 006D7C

 005463

 003D4B

 002734

 000A20

 000004

 78D8E8

 78D8E8

 61D5E8

 8FD8E8

 4AD1E8

 A6DFE8

 32CEE8

 BEE2E8

 1BCBE8

 D5E5E8

 04C7E8

 ECE9E8

 00C7E8

 FFECE8

 FFEFE8

 FFF3E8

 FFF6E8

Harmonies

Analogous

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



82D9CD



78D8E8



8AD3FB

Triad

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



78D8E8



F1B9E2



DAC993

Complementary

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



78D8E8



E88878

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.



F2C099



78D8E8



FFB6C7

Square

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



78D8E8



D4C1F7



FFB9AC



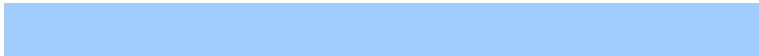
BCD29C

Rectangle

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



78D8E8



A1CEFF



FFB9AC



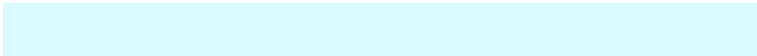
E3C693

Sweetspot

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



78D8E8



DBFAFF



78E887



6A7C80



000000



808080

Same Dimension

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



78D8E8



6BEAFF



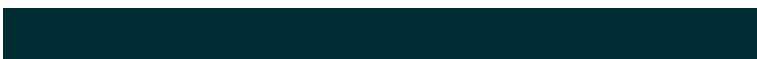
78A1E8



677173



0099B3



002C33

Inverse Universe

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



E878D8



FF6BEA



E8BF78



736771



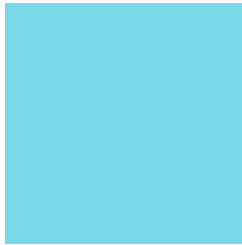
B30099



33002C

Previews

White Background



This preview shows how the Hex color 78D8E8 looks on a white background.

Color Contrast Check

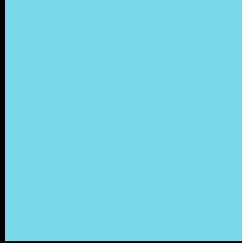
Large Text (above 18pt) WCAG AA × Fail

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 78D8E8 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 78D8E8 Background



This preview shows how black text looks on a background with the Hex color 78D8E8.

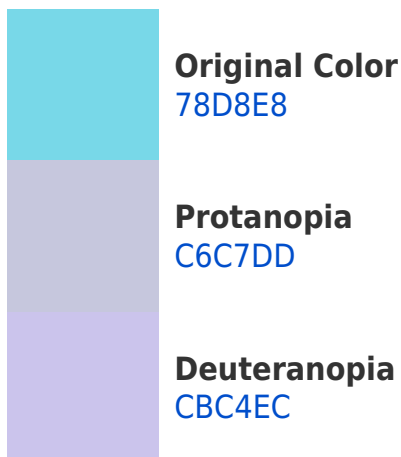


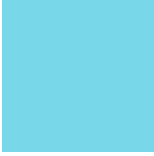
This preview shows how white text looks on a background with the Hex color 78D8E8.

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](#).

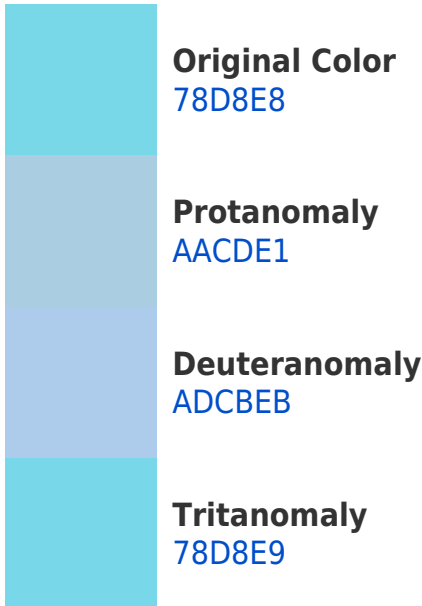
Dichromacy



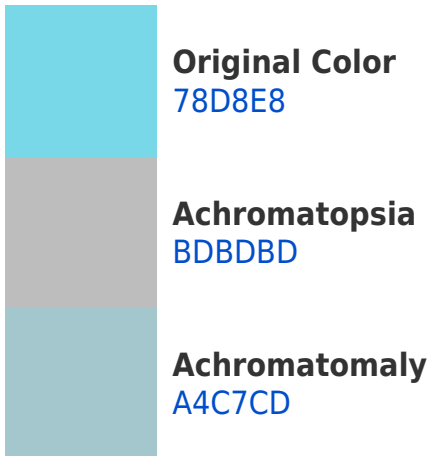


Tritanopia
78D8E9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 78D8E8 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 #78D8E8 looks like.

```
.text, #text, p{  
    color:#78D8E8  
}
```

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 #78D8E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78D8E8  
}
```

Border

The CSS property to change the border of an element to Hex 78D8E8 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  
#78D8E8 }
```

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

```
.border{ border-color:#78D8E8 }
```

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

Here you see how a box with a 4 pixel #78D8E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78D8E8; -webkit-box-shadow:4px 4px  
4px 4px #78D8E8; box-shadow:4px 4px 4px  
4px #78D8E8 }
```

Background

The CSS property to change the background color of an element to Hex 78D8E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78D8E8 }
```

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

```
.background{ background-color:#78D8E8 }
```

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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