

Converting Colors

Hex(7FE6E8)

Have a look what the booklet for
Hex(7FE6E8) contains.

Hex(7FE6E8)	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(7FE6E8)

Conversions

Conversions Part 1

Format	Color
Hex	7FE6E8
RGB	127, 230, 232
RGB Percent	50%, 90%, 91%
CMY	0.5020, 0.0980, 0.0902
CMYK	0.45, 0.01, 0.00, 0.09
HSL	181°, 70%, 70%
HSV	181°, 45%, 91%
XYZ	51.6147, 66.9318, 86.5427
YIQ	199.4310, -62.0300, -21.2140

Conversions

Conversions Part 2

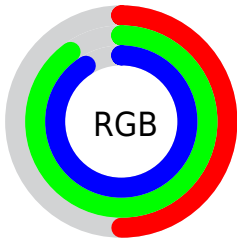
Format	Color
RYB	127, 179, 232
Decimal	8382184
CIELab	85.47, -29.44, -10.31
CIElCh	85, 31.197, 199.307
Yxy	66.9318, 0.2517, 0.3264
Android (android.graphics.Color)	4286572264 (0xFF7FE6E8)
YUV	199.4310, 16.0565, -63.5220
Hunter-Lab	81.8119, -30.5561, -5.4501

Details

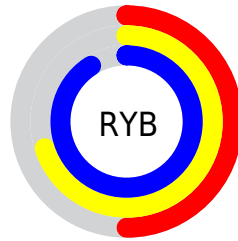
The Hex color **7FE6E8** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **E8817F**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **B9FFFF**, and **43AEB0** is the 20% darker color. If you saturate the color by 10%, you get **68E6E8**, and if you desaturate by 10%, it is **96E6E8**.

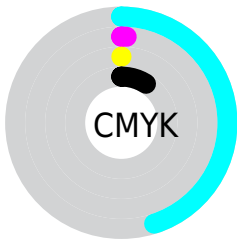
Distribution



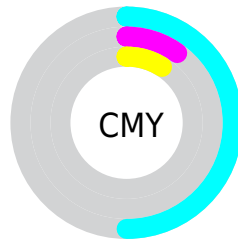
- Red (50%)
- Green (90%)
- Blue (91%)



- Red (50%)
- Yellow (70%)
- Blue (91%)



- Cyan (45%)
- Magenta (1%)
- Yellow (0%)
- Black (9%)



- Cyan (50%)
- Magenta (10%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7FE6E8 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 7FE6E8 by changing the saturation by 10% instead.

 7FE6E8

 7FE6E8

FFFFFF

 62CACC

 B9FFFF

 43AEB0

 D7FFFF

 1C9396

 F5FFFF

 00797C

 006063

 00484B

 003135

 001D1F

 000006

 7FE6E8

 7FE6E8

 68E6E8

 96E6E8

 51E5E8

 ADE7E8

 39E5E8

 C5E7E8

 22E4E8

 DCE8E8

 0BE4E8

 F3E8E8

 00E4E8

 FFE9E8

 FFEAE8

Harmonies

Analogous

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



95E5CA



7FE6E8



83E3FF

Triad

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



7FE6E8



F1C8FC



F5D09C

Complementary

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



7FE6E8



E8817F

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.



FFC7AA



7FE6E8



FFC1E1

Square

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



7FE6E8



CCD2FF



FFC1C3



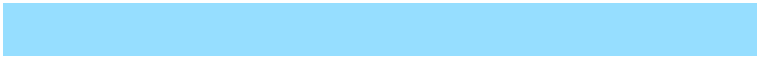
D7DA9E

Rectangle

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



7FE6E8



96DEFF



FFC1C3



FDCD9F

Sweetspot

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



7FE6E8



DBFEFF



7FE881



6A7F80



000000



808080

Same Dimension

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



7FE6E8



75FCFF



7FB2E8



677373



00AFB3



003233

Inverse Universe

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



E87FE6



FF75FC



E8B57F



736773



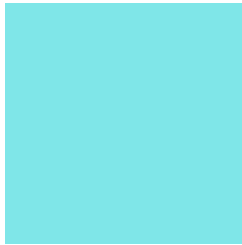
B300AF



330032

Previews

White Background



This preview shows how the Hex color 7FE6E8 looks on a white background.

Color Contrast Check

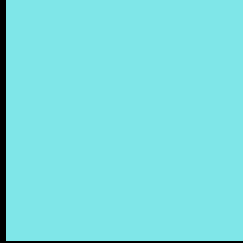
Large Text (above 18pt) WCAG AA × Fail

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 7FE6E8 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 7FE6E8 Background



This preview shows how black text looks on a background with the Hex color 7FE6E8.

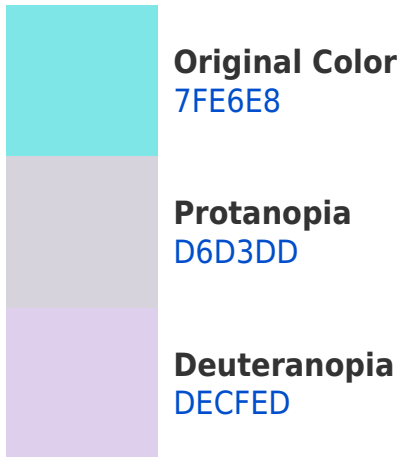


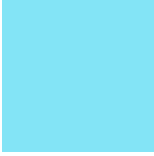
This preview shows how white text looks on a background with the Hex color 7FE6E8.

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
83E4F6

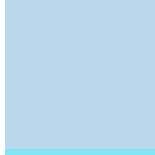
Trichromacy



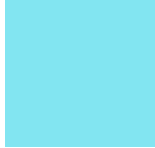
Original Color
7FE6E8



Protanomaly
B6DAE1



Deuteranomaly
BBD7EB

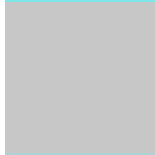


Tritanomaly
82E5F1

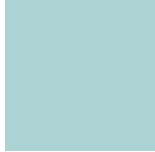
Monochromacy



Original Color
7FE6E8



Achromatopsia
C7C7C7



Achromatomaly
ADD2D3

CSS Examples

Text

The CSS property to change the color of the text to Hex 7FE6E8 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 #7FE6E8 looks like.

```
.text, #text, p{  
    color:#7FE6E8  
}
```

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 #7FE6E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FE6E8  
}
```

Border

The CSS property to change the border of an element to Hex 7FE6E8 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  
#7FE6E8 }
```

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

```
.border{ border-color:#7FE6E8 }
```

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

Here you see how a box with a 4 pixel #7FE6E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FE6E8; -webkit-box-shadow:4px 4px  
4px 4px #7FE6E8; box-shadow:4px 4px 4px  
4px #7FE6E8 }
```

Background

The CSS property to change the background color of an element to Hex 7FE6E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FE6E8 }
```

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

```
.background{ background-color:#7FE6E8 }
```

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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