

Converting Colors

Hex(7FC4E8)

Have a look what the booklet for
Hex(7FC4E8) contains.

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Color

Hex(7FC4E8)

Conversions

Conversions Part 1

Format	Color
Hex	7FC4E8
RGB	127, 196, 232
RGB Percent	50%, 77%, 91%
CMY	0.5020, 0.2314, 0.0902
CMYK	0.45, 0.16, 0.00, 0.09
HSL	201°, 70%, 70%
HSV	201°, 45%, 91%
XYZ	43.0578, 49.8181, 83.6904
YIQ	179.4730, -52.6800, -3.4320

Conversions

Conversions Part 2

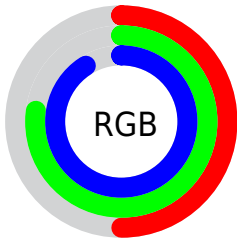
Format	Color
RYB	127, 169, 232
Decimal	8373480
CIELab	75.96, -12.36, -24.66
CIElCh	76, 27.581, 243.377
Yxy	49.8181, 0.2439, 0.2821
Android (android.graphics.Color)	4286563560 (0xFF7FC4E8)
YUV	179.4730, 25.8958, -46.0188
Hunter-Lab	70.5819, -14.6262, -20.8940

Details

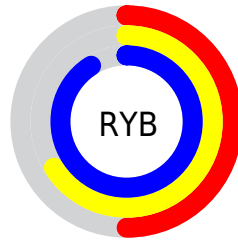
The Hex color **7FC4E8** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **E8A37F**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **B8FDFF**, and **468EB0** is the 20% darker color. If you saturate the color by 10%, you get **68BCE8**, and if you desaturate by 10%, it is **96CCE8**.

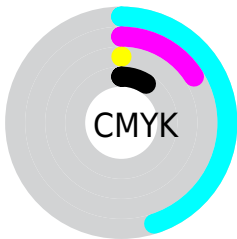
Distribution



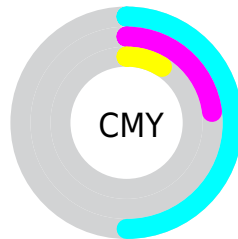
- Red (50%)
- Green (77%)
- Blue (91%)



- Red (50%)
- Yellow (66%)
- Blue (91%)



- Cyan (45%)
- Magenta (16%)
- Yellow (0%)
- Black (9%)



- Cyan (50%)
- Magenta (23%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7FC4E8 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 7FC4E8 by changing the saturation by 10% instead.

 7FC4E8

 7FC4E8

FFFFFF

 63A9CC

 B8FDFF

 468EB0

 D5FFFF

 257596


 F3FFFF

 005C7C

 004563

 002E4B

 001A34

 00021F

 000001

 7FC4E8

 7FC4E8

 68BCE8

 96CCE8

 51B4E8

 ADD4E8

 39ACE8

 C5DCE8

 22A4E8

 DCE4E8

 0B9CE8

 F3ECE8

 0098E8

 FFF4E8

 FFFCE8

 FFFF8E8

Harmonies

Analogous

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



70C8D6



7FC4E8



A0BDEE

Triad

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



7FC4E8



EDA9B9



AFC290

Complementary

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



7FC4E8



E8A37F

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.



CBBB88



7FC4E8



EEABA0

Square

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



7FC4E8



DFACD3



E1B28F



92C7A4

Rectangle

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



7FC4E8



B8B7EA



E1B28F



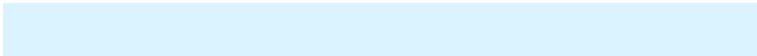
B9C08C

Sweetspot

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



7FC4E8



DBF3FF



7FE8A2



6A7880



000000



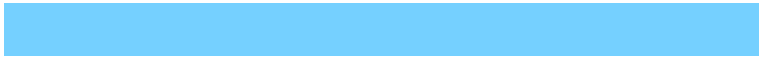
808080

Same Dimension

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



7FC4E8



75D0FF



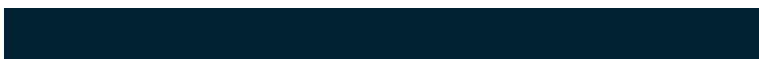
7F91E8



676F73



0075B3



002233

Inverse Universe

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



E87FC4



FF75D0



E8D77F



73676F



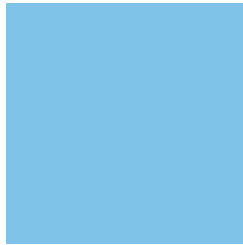
B30075



330022

Previews

White Background



This preview shows how the Hex color 7FC4E8 looks on a white background.

Color Contrast Check

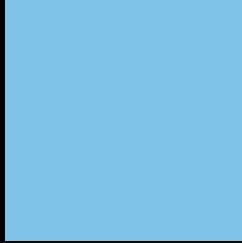
Large Text (above 18pt) WCAG AA × Fail

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 7FC4E8 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 7FC4E8 Background



This preview shows how black text looks on a background with the Hex color 7FC4E8.



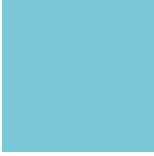
This preview shows how white text looks on a background with the Hex color 7FC4E8.

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](#).

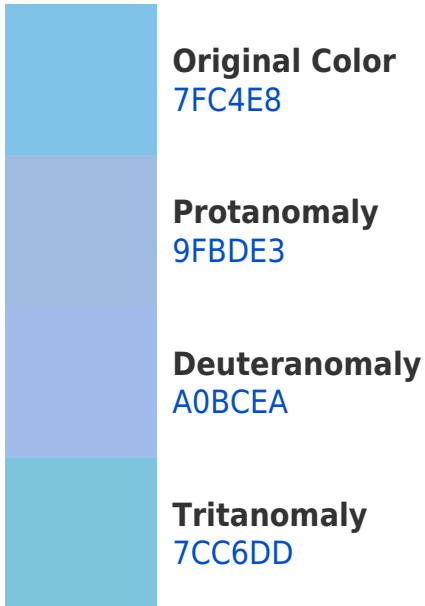
Dichromacy



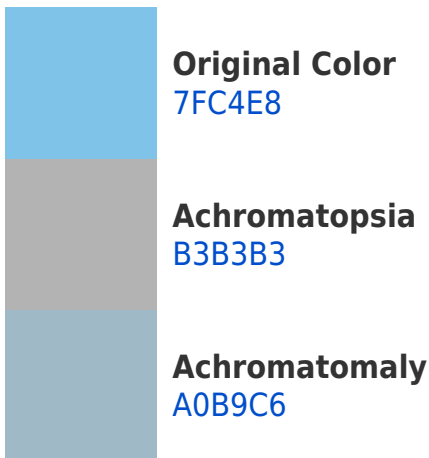


Tritanopia
7AC7D7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7FC4E8 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 #7FC4E8 looks like.

```
.text, #text, p{  
    color:#7FC4E8  
}
```

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 #7FC4E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FC4E8  
}
```

Border

The CSS property to change the border of an element to Hex 7FC4E8 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  
#7FC4E8 }
```

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

```
.border{ border-color:#7FC4E8 }
```

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

Here you see how a box with a 4 pixel #7FC4E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FC4E8; -webkit-box-shadow:4px 4px  
4px 4px #7FC4E8; box-shadow:4px 4px 4px  
4px #7FC4E8 }
```

Background

The CSS property to change the background color of an element to Hex 7FC4E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FC4E8 }
```

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

```
.background{ background-color:#7FC4E8 }
```

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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