

Converting Colors

Hex(7EC2E8)

Have a look what the booklet for
Hex(7EC2E8) contains.

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Color

Hex(7EC2E8)

Conversions

Conversions Part 1

Format	Color
Hex	7EC2E8
RGB	126, 194, 232
RGB Percent	49%, 76%, 91%
CMY	0.5059, 0.2392, 0.0902
CMYK	0.46, 0.16, 0.00, 0.09
HSL	202°, 70%, 70%
HSV	202°, 46%, 91%
XYZ	42.4615, 48.8454, 83.5341
YIQ	178.0000, -52.7260, -2.5980

Conversions

Conversions Part 2

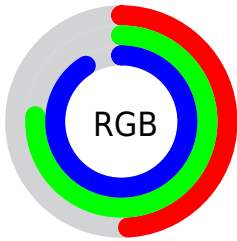
Format	Color
RYB	126, 167, 232
Decimal	8307432
CIELab	75.36, -11.54, -25.58
CIElCh	75, 28.065, 245.712
Yxy	48.8454, 0.2429, 0.2794
Android (android.graphics.Color)	4286497512 (0xFF7EC2E8)
YUV	178.0000, 26.6220, -45.6040
Hunter-Lab	69.8895, -13.8586, -21.9426

Details

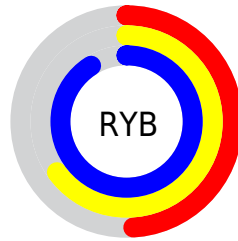
The Hex color **7EC2E8** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **E8A47E**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **B7FAFF**, and **458CB0** is the 20% darker color. If you saturate the color by 10%, you get **67BAE8**, and if you desaturate by 10%, it is **95CAE8**.

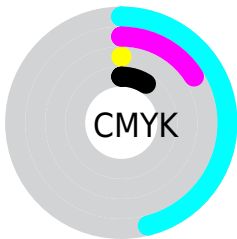
Distribution



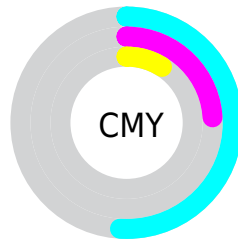
- Red (49%)
- Green (76%)
- Blue (91%)



- Red (49%)
- Yellow (65%)
- Blue (91%)



- Cyan (46%)
- Magenta (16%)
- Yellow (0%)
- Black (9%)



- Cyan (51%)
- Magenta (24%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7EC2E8 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 7EC2E8 by changing the saturation by 10% instead.

 7EC2E8

 7EC2E8

FFFFFF

 62A7CC

 B7FAFF

 458CB0

 D4FFFF

 247396

 F2FFFF

 005A7C

 004363

 002D4B

 001934

 00021E

 000001

 7EC2E8

 7EC2E8

 67BAE8

 95CAE8

 50B1E8

 ACD3E8

 38A9E8

 C4DBE8

 21A1E8

 DBE3E8

 0A98E8

 F2ECE8

 0095E8

 FFF4E8

 FFFCE8

 FFFFE8

Harmonies

Analogous

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



6CC7D7



7EC2E8



A0BAED

Triad

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



7EC2E8



EDA7B5



ABC18F

Complementary

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



7EC2E8



E8A47E

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.



C7BA86



7EC2E8



ECAA9D

Square

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



7EC2E8



DFAACF



DEB18B



8DC6A4

Rectangle

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



7EC2E8



B9B4E8



DEB18B



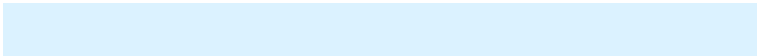
B5BF8B

Sweetspot

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



7EC2E8



DBF2FF



7EE8A3



6A7880



000000



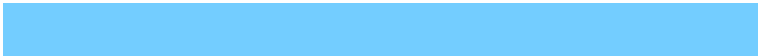
808080

Same Dimension

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



7EC2E8



73CDFF



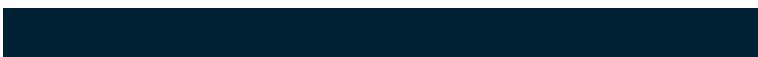
7E8EE8



676F73



0073B3



002133

Inverse Universe

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



E87EC2



FF73CD



E8D87E



73676F



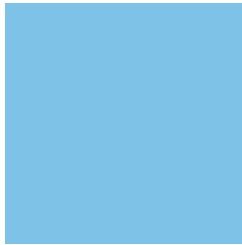
B30073



330021

Previews

White Background



This preview shows how the Hex color 7EC2E8 looks on a white background.

Color Contrast Check

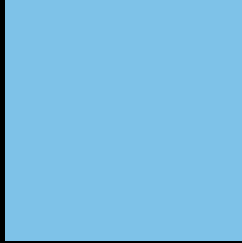
Large Text (above 18pt) WCAG AA × Fail

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 7EC2E8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

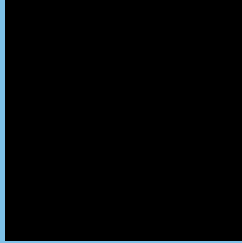
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

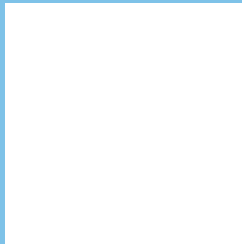
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 7EC2E8 Background



This preview shows how black text looks on a background with the Hex color 7EC2E8.

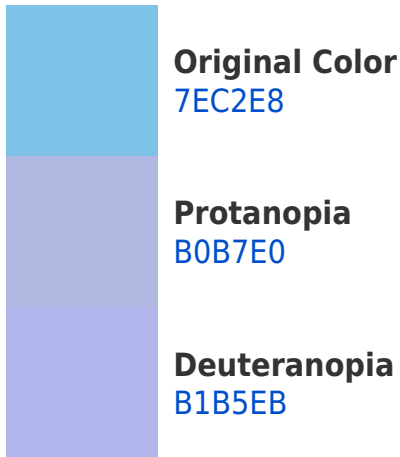


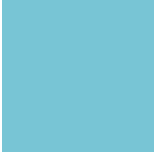
This preview shows how white text looks on a background with the Hex color 7EC2E8.

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



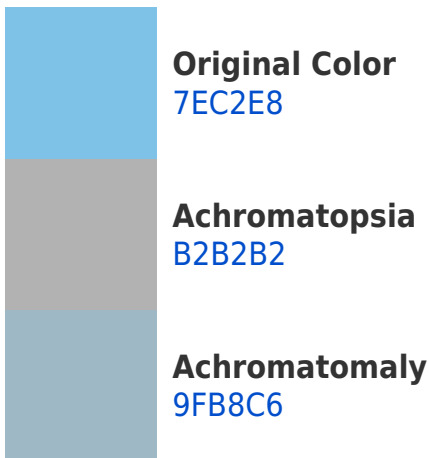


Tritanopia
78C5D5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7EC2E8 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 #7EC2E8 looks like.

```
.text, #text, p{  
    color:#7EC2E8  
}
```

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 #7EC2E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7EC2E8
}
```

Border

The CSS property to change the border of an element to Hex 7EC2E8 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
#7EC2E8 }
```

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

```
.border{ border-color:#7EC2E8 }
```

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

Here you see how a box with a 4 pixel #7EC2E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7EC2E8; -webkit-box-shadow:4px 4px  
4px 4px #7EC2E8; box-shadow:4px 4px 4px  
4px #7EC2E8 }
```

Background

The CSS property to change the background color of an element to Hex 7EC2E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7EC2E8 }
```

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

```
.background{ background-color:#7EC2E8 }
```

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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