

Converting Colors

Hex(7EC4E0)

Have a look what the booklet for
Hex(7EC4E0) contains.

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Color

Hex(7EC4E0)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 7EC4E0 |
| RGB | 126, 196, 224 |
| RGB Percent | 49%, 77%, 88% |
| CMY | 0.5059, 0.2314, 0.1216 |
| CMYK | 0.44, 0.12, 0.00, 0.12 |
| HSL | 197°, 61%, 69% |
| HSV | 197°, 44%, 88% |
| XYZ | 41.7987, 49.2973, 77.8333 |
| YIQ | 178.2620, -50.7080, -6.1320 |

Conversions

Conversions Part 2

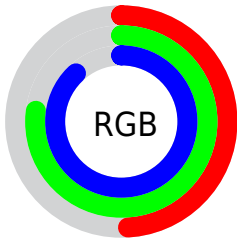
| Format | Color |
|-------------------------------------|--------------------------------|
| R _{YB} | 126, 167, 224 |
| Decimal | 8307936 |
| CIE Lab | 75.64, -14.75, -20.83 |
| CIE LCh | 76, 25.529, 234.695 |
| Yxy | 49.2973, 0.2474, 0.2918 |
| Android (android.graphics.Color) | 4286498016 (0xFF7EC4E0) |
| YUV | 178.2620, 22.5488, -45.8338 |
| Hunter-Lab | 70.2120, -16.6064, -16.5773 |

Details

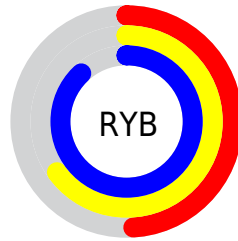
The Hex color **7EC4E0** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **E09A7E**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **B7FDFF**, and **458EA9** is the 20% darker color. If you saturate the color by 10%, you get **68BEE0**, and if you desaturate by 10%, it is **94CAE0**.

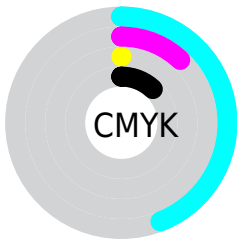
Distribution



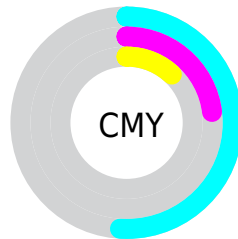
- Red (49%)
- Green (77%)
- Blue (88%)



- Red (49%)
- Yellow (65%)
- Blue (88%)



- Cyan (44%)
- Magenta (12%)
- Yellow (0%)
- Black (12%)



- Cyan (51%)
- Magenta (23%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7EC4E0 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 7EC4E0 by changing the saturation by 10% instead.

 7EC4E0

 7EC4E0

FFFFFF

 62A9C4

 B7FDFF

 458EA9

 D4FFFF

 26758E

 F1FFFF

 005C75

 00445C

 002E44

 001A2E

 000119

 000000

 7EC4E0

 7EC4E0

 68BEE0

 94CAE0

 51B7E0

 ABD1E0

 3BB1E0

 C1D7E0

 24AAE0

 D8DEE0

 0EA4E0

 EEE4E0

 00A0E0

 FFEAE0

 FFF1E0

 FFF7E0

 FFFEE0

Harmonies

Analogous

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



77C7CD



7EC4E0



98BEE9

Triad

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



7EC4E0



E6AAC0



B7BF8F

Complementary

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



7EC4E0



E09A7E

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.



D0B78C



7EC4E0



EBAAA8

Square

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



7EC4E0



D5AED6



E2B095



9CC59F

Rectangle

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



7EC4E0



AEB9E8



E2B095



C0BD8D

Sweetspot

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



7EC4E0



DEF6FF



7EE09A



6B7A80



000000



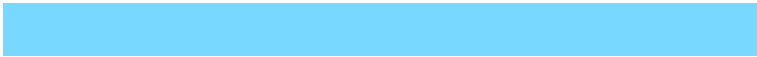
808080

Same Dimension

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



7EC4E0



78D8FF



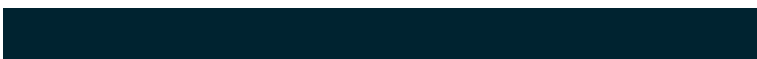
7E93E0



656D70



007EB0



002330

Inverse Universe

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



E07EC4



FF78D8



E0CB7E



70656D



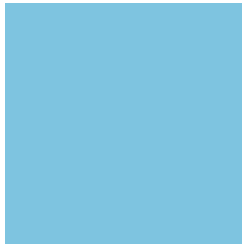
B0007E



300023

Previews

White Background



This preview shows how the Hex color 7EC4E0 looks on a white background.

Color Contrast Check

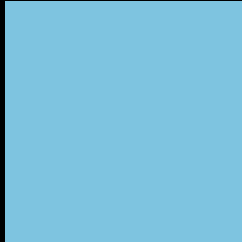
Large Text (above 18pt) WCAG AA × Fail

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 7EC4E0 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 7EC4E0 Background



This preview shows how black text looks on a background with the Hex color 7EC4E0.

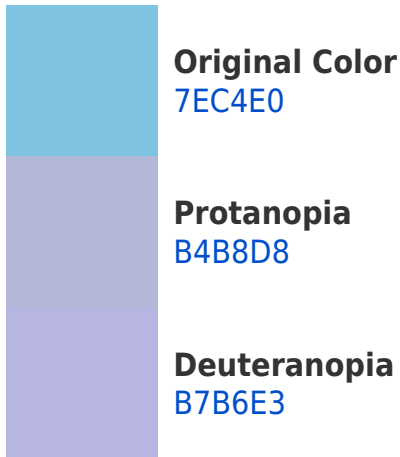


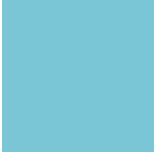
This preview shows how white text looks on a background with the Hex color 7EC4E0.

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](#).

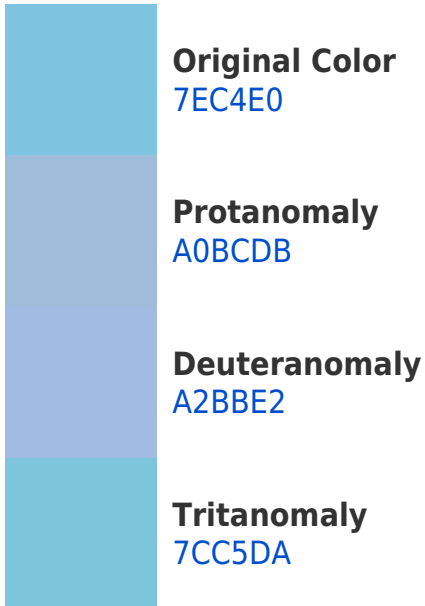
Dichromacy



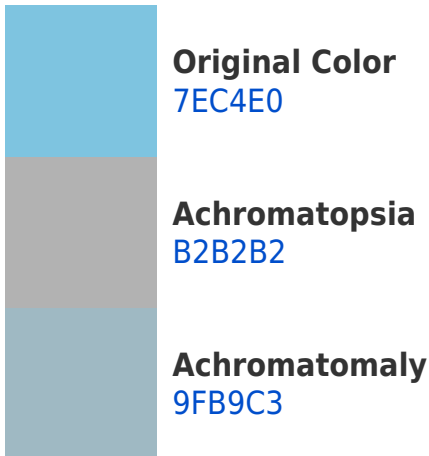


Tritanopia
7BC6D6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7EC4E0 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 #7EC4E0 looks like.

```
.text, #text, p{  
    color:#7EC4E0  
}
```

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 #7EC4E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7EC4E0
}
```

Border

The CSS property to change the border of an element to Hex 7EC4E0 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
#7EC4E0 }
```

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

```
.border{ border-color:#7EC4E0 }
```

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

Here you see how a box with a 4 pixel #7EC4E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7EC4E0; -webkit-box-shadow:4px 4px  
4px 4px #7EC4E0; box-shadow:4px 4px 4px  
4px #7EC4E0 }
```

Background

The CSS property to change the background color of an element to Hex 7EC4E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7EC4E0 }
```

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

```
.background{ background-color:#7EC4E0 }
```

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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