

Converting Colors

Hex(7CC4E2)

Have a look what the booklet for
Hex(7CC4E2) contains.

Hex(7CC4E2)	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(7CC4E2)

Conversions

Conversions Part 1

Format	Color
Hex	7CC4E2
RGB	124, 196, 226
RGB Percent	49%, 77%, 89%
CMY	0.5137, 0.2314, 0.1137
CMYK	0.45, 0.13, 0.00, 0.11
HSL	198°, 64%, 69%
HSV	198°, 45%, 89%
XYZ	41.7796, 49.2559, 79.2568
YIQ	177.8920, -52.5420, -5.9340

Conversions

Conversions Part 2

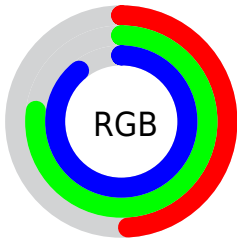
Format	Color
RYB	124, 166, 226
Decimal	8176866
CIELab	75.61, -14.70, -21.96
CIElCh	76, 26.428, 236.201
Yxy	49.2559, 0.2453, 0.2892
Android (android.graphics.Color)	4286366946 (0xFF7CC4E2)
YUV	177.8920, 23.7172, -47.2633
Hunter-Lab	70.1826, -16.5587, -17.8281

Details

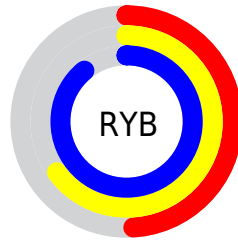
The Hex color **7CC4E2** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **E29A7C**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **B5FDFF**, and **438EAB** is the 20% darker color. If you saturate the color by 10%, you get **65BDE2**, and if you desaturate by 10%, it is **93CBE2**.

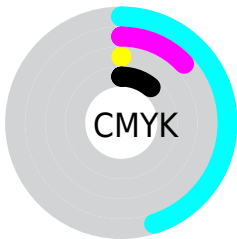
Distribution



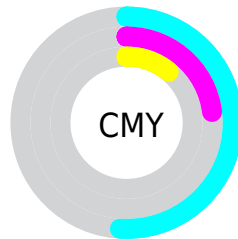
- Red (49%)
- Green (77%)
- Blue (89%)



- Red (49%)
- Yellow (65%)
- Blue (89%)



- Cyan (45%)
- Magenta (13%)
- Yellow (0%)
- Black (11%)



- Cyan (51%)
- Magenta (23%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7CC4E2 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 7CC4E2 by changing the saturation by 10% instead.

 7CC4E2

 7CC4E2

FFFFFF

 60A9C6

 B5FDFD

 438EAB

 D2FFFF

 227590

 EFFFFFF

 005C76

 00445E

 002E46

 001A2F

 00011B

 000000

 7CC4E2

 7CC4E2

 65BDE2

 93CBE2

 4FB7E2

 A9D1E2

 38B0E2

 C0D8E2

 22A9E2

 D6DFE2

 0BA3E2

 EDE5E2

 00A0E2

 FFECE2

 FFF3E2

 FFF9E2

 FFFF2

Harmonies

Analogous

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



73C8CF



7CC4E2



98BDEA

Triad

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



7CC4E2



E8A9BE



B6BF8E

Complementary

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



7CC4E2



E29A7C

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.



CFB88A



7CC4E2



ECAAA6

Square

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



7CC4E2



D7ADD6



E3B093



9AC59F

Rectangle

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



7CC4E2



AFB8E9



E3B093



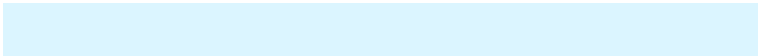
BFBD8B

Sweetspot

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



7CC4E2



DBF5FF



7CE299



6A7980



000000



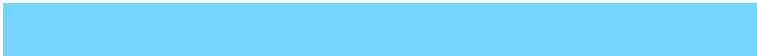
808080

Same Dimension

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



7CC4E2



75D7FF



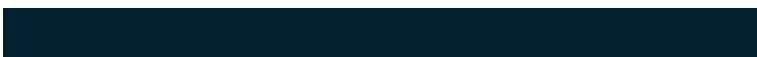
7C92E2



656D70



007CB0



002230

Inverse Universe

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



E27CC4



FF75D6



E2CC7C



70656D



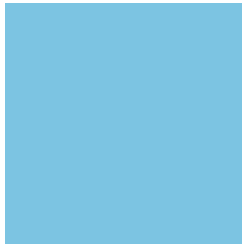
B0007C



300022

Previews

White Background



This preview shows how the Hex color 7CC4E2 looks on a white background.

Color Contrast Check

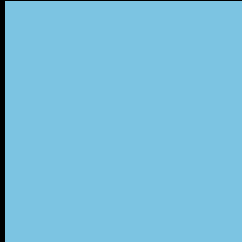
Large Text (above 18pt) WCAG AA × Fail

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 7CC4E2 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 7CC4E2 Background



This preview shows how black text looks on a background with the Hex color 7CC4E2.

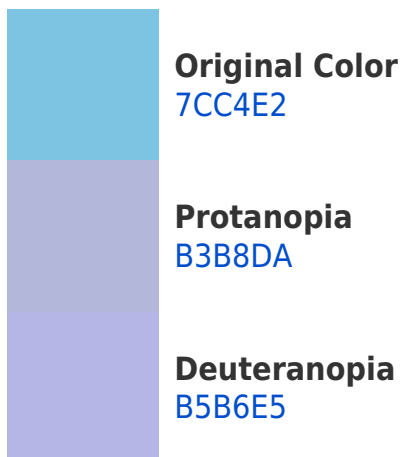


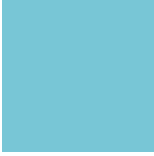
This preview shows how white text looks on a background with the Hex color 7CC4E2.

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](#).

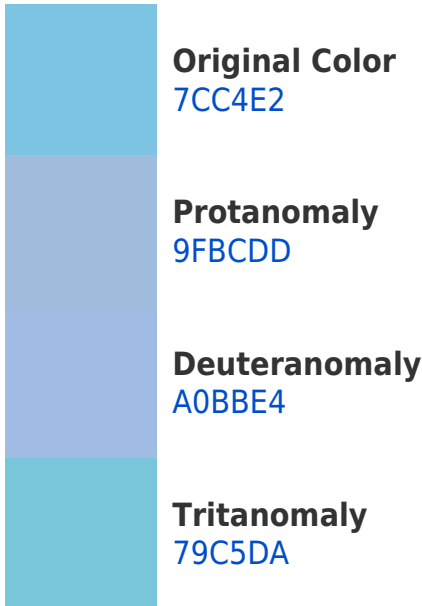
Dichromacy



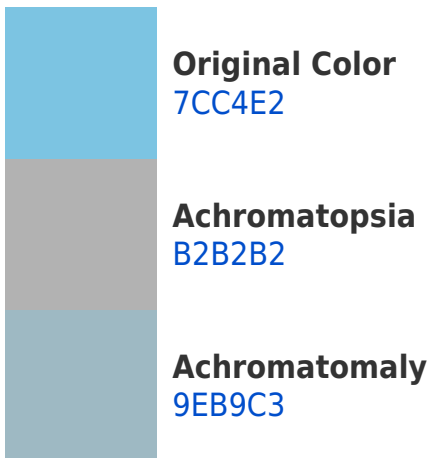


Tritanopia
78C6D6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7CC4E2 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 #7CC4E2 looks like.

```
.text, #text, p{  
    color:#7CC4E2  
}
```

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 #7CC4E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CC4E2
}
```

Border

The CSS property to change the border of an element to Hex 7CC4E2 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
#7CC4E2 }
```

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

```
.border{ border-color:#7CC4E2 }
```

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

Here you see how a box with a 4 pixel #7CC4E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CC4E2; -webkit-box-shadow:4px 4px  
4px 4px #7CC4E2; box-shadow:4px 4px 4px  
4px #7CC4E2 }
```

Background

The CSS property to change the background color of an element to Hex 7CC4E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CC4E2 }
```

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

```
.background{ background-color:#7CC4E2 }
```

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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