

Converting Colors

Hex(79C4E6)

Have a look what the booklet for
Hex(79C4E6) contains.

Hex(79C4E6)	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(79C4E6)

Conversions

Conversions Part 1

Format	Color
Hex	79C4E6
RGB	121, 196, 230
RGB Percent	47%, 77%, 90%
CMY	0.5255, 0.2314, 0.0980
CMYK	0.47, 0.15, 0.00, 0.10
HSL	199°, 69%, 69%
HSV	199°, 47%, 90%
XYZ	41.9080, 49.2580, 82.1619
YIQ	177.4510, -55.6140, -5.3260

Conversions

Conversions Part 2

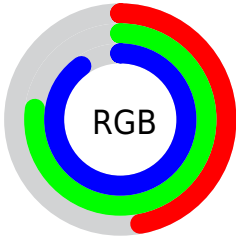
Format	Color
R _Y B	121, 165, 230
Decimal	7980262
CIE Lab	75.61, -14.32, -24.13
CIE LCh	76, 28.059, 239.318
Yxy	49.2580, 0.2418, 0.2842
Android (android.graphics.Color)	4286170342 (0xFF79C4E6)
YUV	177.4510, 25.9067, -49.5075
Hunter-Lab	70.1840, -16.2368, -20.2798

Details

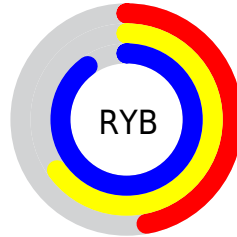
The Hex color **79C4E6** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **E69B79**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **B2FDFF**, and **3E8EAE** is the 20% darker color. If you saturate the color by 10%, you get **62BDE6**, and if you desaturate by 10%, it is **90CBE6**.

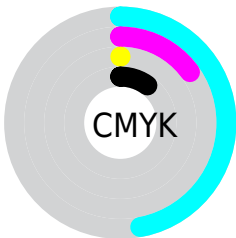
Distribution



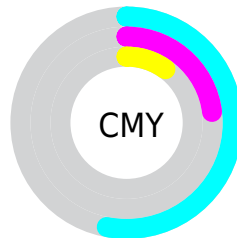
- Red (47%)
- Green (77%)
- Blue (90%)



- Red (47%)
- Yellow (65%)
- Blue (90%)



- Cyan (47%)
- Magenta (15%)
- Yellow (0%)
- Black (10%)



- Cyan (53%)
- Magenta (23%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 79C4E6 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 79C4E6 by changing the saturation by 10% instead.

 79C4E6

 79C4E6

FFFFFF

 5CA9CA

 B2FDFF

 3E8EAE

 D0FFFF

 1A7594

 EDFFFF

 005C7A

 004461

 002E49

 001A32

 00021D

 000000

 79C4E6

 79C4E6

 62BDE6

 90CBE6

 4BB6E6

 A7D2E6

 34AEE6

 BEDAE6

 1DA7E6

 D5E1E6

 06A0E6

 ECE8E6

 009EE6

 FFEFE6

 FFF6E6

 FFFDE6

 FFFFE6

Harmonies

Analogous

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



6DC8D3



79C4E6



99BDEE

Triad

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



79C4E6



ECA8BC



B2C08D

Complementary

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



79C4E6



E69B79

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.



CEB887



79C4E6



EEA9A2

Square

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



79C4E6



DBACD5



E3B08F



94C69F

Rectangle

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



79C4E6



B2B7EB



E3B08F



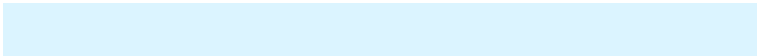
BCBE89

Sweetspot

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



79C4E6



DBF4FF



79E69A



6A7980



000000



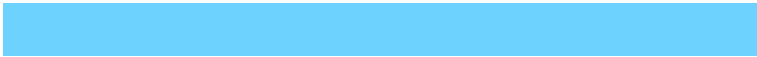
808080

Same Dimension

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



79C4E6



6ED2FF



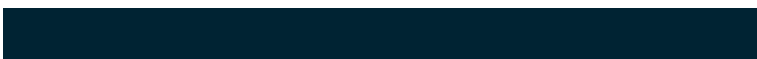
798FE6



676F73



007BB3



002333

Inverse Universe

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



E679C4



FF6ED2



E6D079



73676F



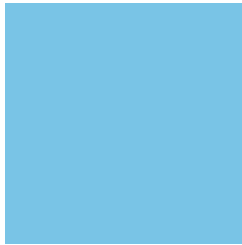
B3007B



330023

Previews

White Background



This preview shows how the Hex color 79C4E6 looks on a white background.

Color Contrast Check

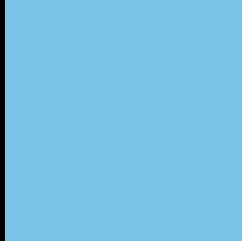
Large Text (above 18pt) WCAG AA × Fail

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 79C4E6 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 79C4E6 Background



This preview shows how black text looks on a background with the Hex color 79C4E6.

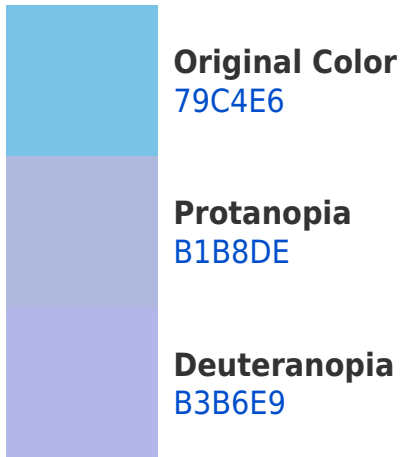


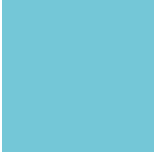
This preview shows how white text looks on a background with the Hex color 79C4E6.

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



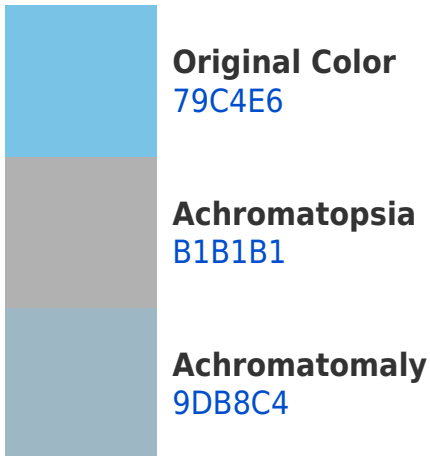


Tritanopia
74C7D7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 79C4E6 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 #79C4E6 looks like.

```
.text, #text, p{  
    color:#79C4E6  
}
```

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 #79C4E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #79C4E6
}
```

Border

The CSS property to change the border of an element to Hex 79C4E6 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
#79C4E6 }
```

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

```
.border{ border-color:#79C4E6 }
```

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

Here you see how a box with a 4 pixel #79C4E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #79C4E6; -webkit-box-shadow:4px 4px  
4px 4px #79C4E6; box-shadow:4px 4px 4px  
4px #79C4E6 }
```

Background

The CSS property to change the background color of an element to Hex 79C4E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#79C4E6 }
```

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

```
.background{ background-color:#79C4E6 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor