

Converting Colors

Hex(76C7E4)

Have a look what the booklet for
Hex(76C7E4) contains.

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Color

Hex(76C7E4)

Conversions

Conversions Part 1

Format	Color
Hex	76C7E4
RGB	118, 199, 228
RGB Percent	46%, 78%, 89%
CMY	0.5373, 0.2196, 0.1059
CMYK	0.48, 0.13, 0.00, 0.11
HSL	196°, 67%, 68%
HSV	196°, 48%, 89%
XYZ	41.8982, 50.2998, 80.8994
YIQ	178.0870, -57.5850, -8.1530

Conversions

Conversions Part 2

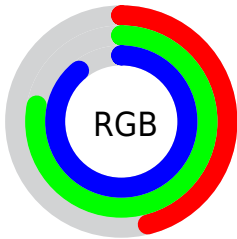
Format	Color
R _{YB}	118, 165, 228
Decimal	7784420
CIE Lab	76.25, -17.11, -22.09
CIE LCh	76, 27.941, 232.234
Yxy	50.2998, 0.2420, 0.2906
Android (android.graphics.Color)	4285974500 (0xFF76C7E4)
YUV	178.0870, 24.6071, -52.6963
Hunter-Lab	70.9224, -18.6632, -17.9849

Details

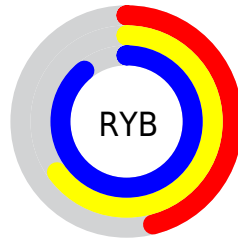
The Hex color **76C7E4** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **E49376**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **B0FFFF**, and **3A91AD** is the 20% darker color. If you saturate the color by 10%, you get **5FC1E4**, and if you desaturate by 10%, it is **8DCDE4**.

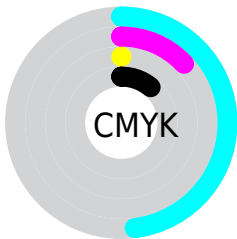
Distribution



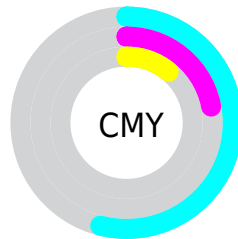
- Red (46%)
- Green (78%)
- Blue (89%)



- Red (46%)
- Yellow (65%)
- Blue (89%)



- Cyan (48%)
- Magenta (13%)
- Yellow (0%)
- Black (11%)



- Cyan (54%)
- Magenta (22%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76C7E4 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 76C7E4 by changing the saturation by 10% instead.

 76C7E4

 76C7E4

FFFFFF

 59ACC8

 B0FFFF

 3A91AD

 CDFFFF

 127792

 EAFFFF

 005E78

 00475F

 003047

 001C31

 00021C

 000000

 76C7E4

 76C7E4

 5FC1E4

 8DCDE4

 48BBE4

 A4D3E4

 32B5E4

 BAD9E4

 1BAFE4

 D1DFE4

 04A9E4

 E8E5E4

 00A8E4

 FFEBE4

 FFF1E4

 FFF7E4

 FFFDE4

Harmonies

Analogous

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



70CACF



76C7E4



93C0EF

Triad

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



76C7E4



EBAAC4



BBC08C

Complementary

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



76C7E4



E49376

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.



D5B889



76C7E4



F1AAAA

Square

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



76C7E4



D7AFDC



E8B094



9DC79C

Rectangle

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



76C7E4



ABBBEE



E8B094



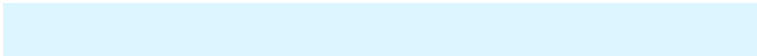
C4BE89

Sweetspot

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



76C7E4



DBF6FF



76E492



6A7A80



000000



808080

Same Dimension

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



76C7E4



6BD8FF



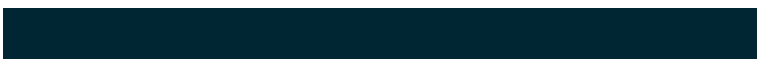
7692E4



677073



0083B3



002633

Inverse Universe

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



E476C7



FF6BD8



E4C976



736770



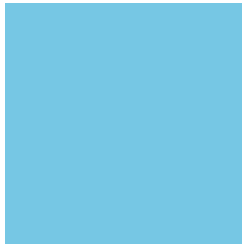
B30083



330026

Previews

White Background



This preview shows how the Hex color 76C7E4 looks on a white background.

Color Contrast Check

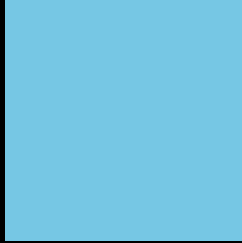
Large Text (above 18pt) WCAG AA × Fail

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 76C7E4 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 76C7E4 Background



This preview shows how black text looks on a background with the Hex color 76C7E4.

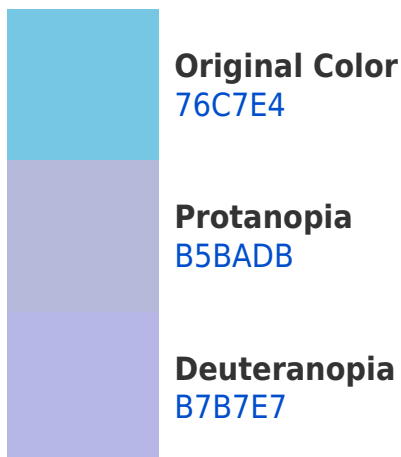


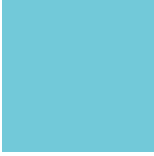
This preview shows how white text looks on a background with the Hex color 76C7E4.

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



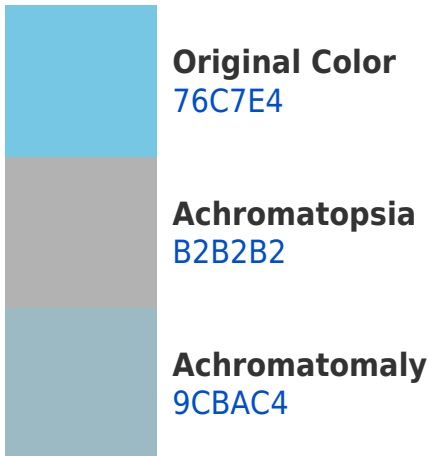


Tritanopia
72C9D9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 76C7E4 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 #76C7E4 looks like.

```
.text, #text, p{  
    color:#76C7E4  
}
```

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 #76C7E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76C7E4
}
```

Border

The CSS property to change the border of an element to Hex 76C7E4 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
#76C7E4 }
```

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

```
.border{ border-color:#76C7E4 }
```

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

Here you see how a box with a 4 pixel #76C7E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76C7E4; -webkit-box-shadow:4px 4px  
4px 4px #76C7E4; box-shadow:4px 4px 4px  
4px #76C7E4 }
```

Background

The CSS property to change the background color of an element to Hex 76C7E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76C7E4 }
```

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

```
.background{ background-color:#76C7E4 }
```

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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