

Converting Colors

Hex(7BCAEE)

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

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Color

Hex(7BCAEE)

Conversions

Conversions Part 1

Format	Color
Hex	7BCAEE
RGB	123, 202, 238
RGB Percent	48%, 79%, 93%
CMY	0.5176, 0.2078, 0.0667
CMYK	0.48, 0.15, 0.00, 0.07
HSL	199°, 77%, 71%
HSV	199°, 48%, 93%
XYZ	44.7215, 52.6251, 88.6895
YIQ	182.4830, -58.6400, -5.5520

Conversions

Conversions Part 2

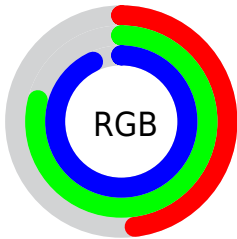
Format	Color
R _{YB}	123, 170, 238
Decimal	8112878
CIE Lab	77.65, -14.78, -25.31
CIE LCh	78, 29.313, 239.709
Yxy	52.6251, 0.2404, 0.2829
Android (android.graphics.Color)	4286302958 (0xFF7BCAEE)
YUV	182.4830, 27.3699, -52.1666
Hunter-Lab	72.5431, -16.9085, -21.7063

Details

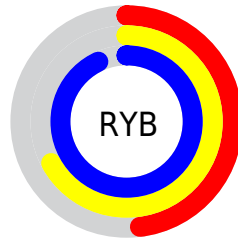
The Hex color **7BCAEE** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **EE9F7B**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **B5FFFF**, and **3F94B6** is the 20% darker color. If you saturate the color by 10%, you get **63C3EE**, and if you desaturate by 10%, it is **93D1EE**.

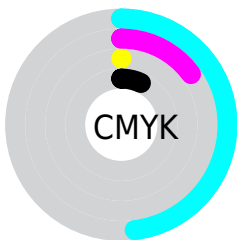
Distribution



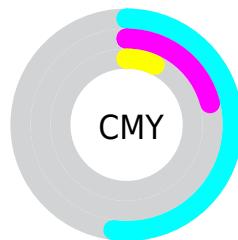
- Red (48%)
- Green (79%)
- Blue (93%)



- Red (48%)
- Yellow (67%)
- Blue (93%)



- Cyan (48%)
- Magenta (15%)
- Yellow (0%)
- Black (7%)



- Cyan (52%)
- Magenta (21%)
- Yellow (7%)

Brightness & Saturation Gradients

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

 7BCAEE

 7BCAEE

FFFFFF

 5EAFD2

 B5FFFF

 3F94B6

 D2FFFF

 197A9B

 F0FFFF

 006181

 004968

 003350

 001E38

 000223

 00000A

 7BCAEE

 7BCAEE

 63C3EE

 93D1EE

 4BBBEE

 ABD9EE

 34B4EE

 C2E0EE

 1CACEE

 DAE8EE

 04A5EE

 F2EFEE

 00A3EE

 FFF7EE

 FFFEEE

 FFFFEE

Harmonies

Analogous

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



6DCEDA



7BCAEE



9DC2F6

Triad

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



7BCAEE



F4ACC1



B7C690

Complementary

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



7BCAEE



EE9F7B

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.



D4BE8A



7BCAEE



F6AEA6

Square

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



7BCAEE



E3B0DC



EAB592



97CCA4

Rectangle

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



7BCAEE



B7BCF3



EAB592



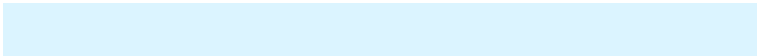
C1C48C

Sweetspot

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



7BCAEE



DBF4FF



7BEE9E



6A7980



000000



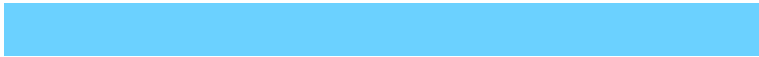
808080

Same Dimension

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



7BCAEE



6BD1FF



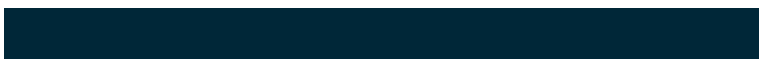
7B92EE



6C7478



007EB8



002738

Inverse Universe

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



EE7BCA



FF6BD1



EED77B



786C74



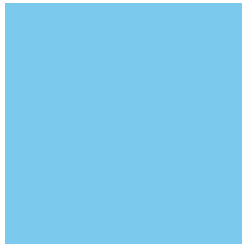
B8007E



380027

Previews

White Background



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

Color Contrast Check

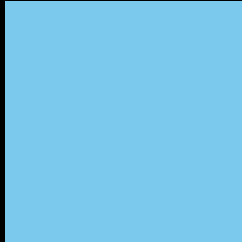
Large Text (above 18pt) WCAG AA × Fail

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 7BCAEE 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 7BCAEE Background



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

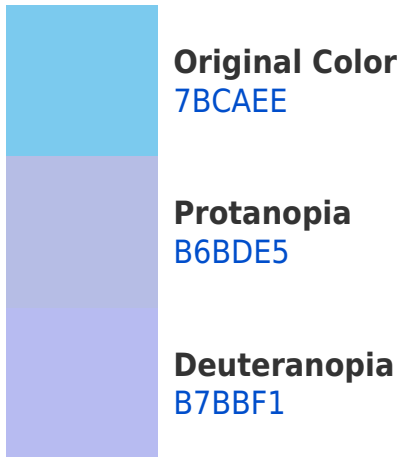


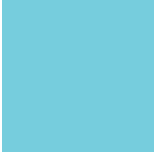
This preview shows how white text looks on a background with the Hex color 7BCAEE.

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](#).

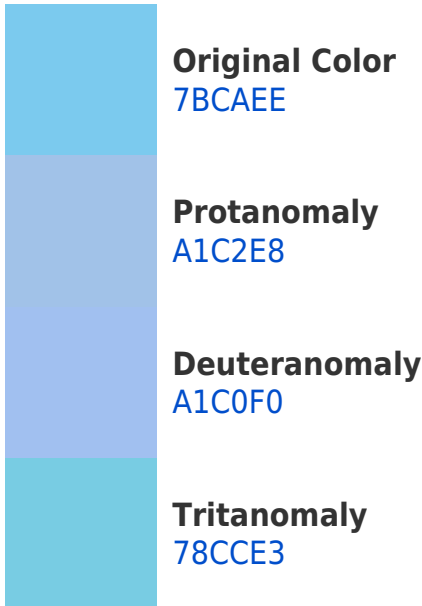
Dichromacy



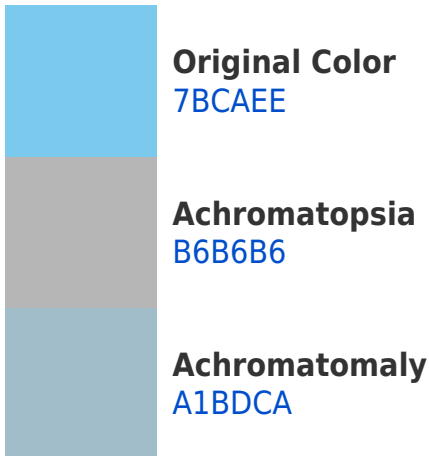


Tritanopia
76CDDD

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #7BCAEE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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