

Converting Colors

Hex(7CB5D8)

Have a look what the booklet for
Hex(7CB5D8) contains.

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Color

Hex(7CB5D8)

Conversions

Conversions Part 1

Format	Color
Hex	7CB5D8
RGB	124, 181, 216
RGB Percent	49%, 71%, 85%
CMY	0.5137, 0.2902, 0.1529
CMYK	0.43, 0.16, 0.00, 0.15
HSL	203°, 54%, 67%
HSV	203°, 43%, 85%
XYZ	37.2307, 42.2907, 71.1664
YIQ	167.9470, -45.2070, -1.1990

Conversions

Conversions Part 2

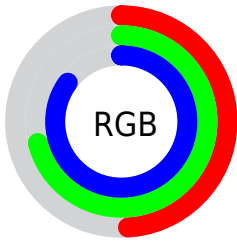
Format	Color
RYB	124, 159, 216
Decimal	8173016
CIELab	71.07, -9.47, -23.45
CIElCh	71, 25.284, 248.014
Yxy	42.2907, 0.2471, 0.2807
Android (android.graphics.Color)	4286363096 (0xFF7CB5D8)
YUV	167.9470, 23.6901, -38.5415
Hunter-Lab	65.0313, -11.6127, -19.3616

Details

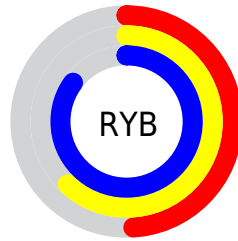
The Hex color **7CB5D8** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **D89F7C**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **B4EDFF**, and **4580A1** is the 20% darker color. If you saturate the color by 10%, you get **66ADD8**, and if you desaturate by 10%, it is **92BDD8**.

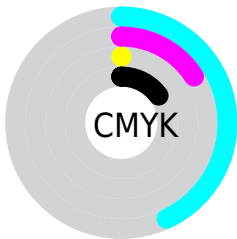
Distribution



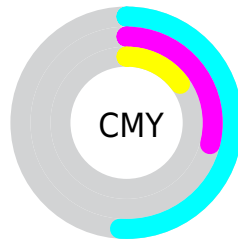
- Red (49%)
- Green (71%)
- Blue (85%)



- Red (49%)
- Yellow (62%)
- Blue (85%)



- Cyan (43%)
- Magenta (16%)
- Yellow (0%)
- Black (15%)



- Cyan (51%)
- Magenta (29%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7CB5D8 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 7CB5D8 by changing the saturation by 10% instead.

 7CB5D8

 7CB5D8

FFFFFF

 609ABC

 B4EDFF

 4580A1

 D1FFFF

 276787

 EEEFFF

 004F6D

 003855

 00233E

 000A28

 000112

 000000

■ 7CB5D8

■ 7CB5D8

■ 66ADD8

■ 92BDD8

■ 51A5D8

■ A7C5D8

■ 3B9CD8

■ BDCED8

■ 2694D8

■ D2D6D8

■ 108CD8

■ E8DED8

■ 0086D8

■ FEE6D8

■ FFEFD8

■ FFF7D8

■ FFFF8

Harmonies

Analogous

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



6BBAC9



7CB5D8



9AAEDB

Triad

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



7CB5D8



DC9DA8



9FB589

Complementary

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



7CB5D8



D89F7C

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.



B9AE80



7CB5D8



DBA093

Square

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



7CB5D8



D1A0C0



CEA784



85B99C

Rectangle

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



7CB5D8



B0A9D7



CEA784



A8B385

Sweetspot

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



7CB5D8



DEF2FF



7CD89E



6B7880



000000



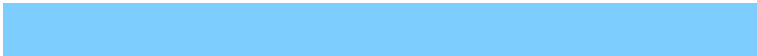
808080

Same Dimension

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



7CB5D8



7DCEFF



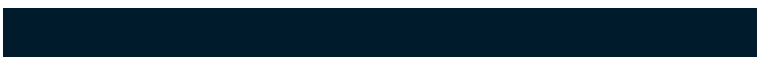
7C88D8



60676B



006AAB



001B2B

Inverse Universe

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



D87CB5



FF7DCE



D8CC7C



6B6067



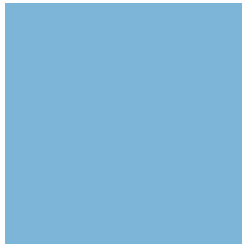
AB006A



2B001B

Previews

White Background



This preview shows how the Hex color 7CB5D8 looks on a white background.

Color Contrast Check

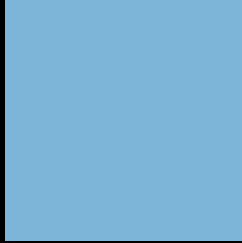
Large Text (above 18pt) WCAG AA × Fail

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 7CB5D8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

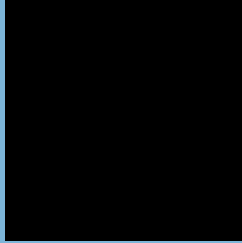
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

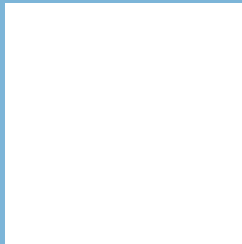
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 7CB5D8 Background



This preview shows how black text looks on a background with the Hex color 7CB5D8.

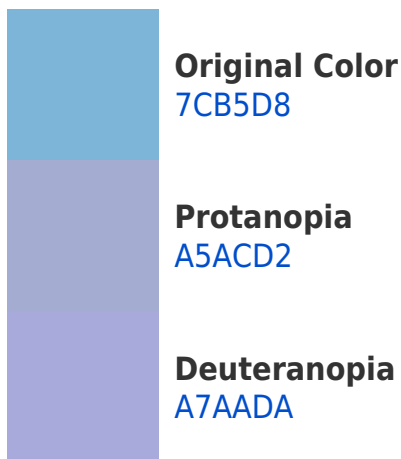


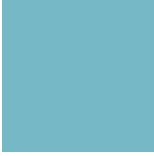
This preview shows how white text looks on a background with the Hex color 7CB5D8.

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](#).

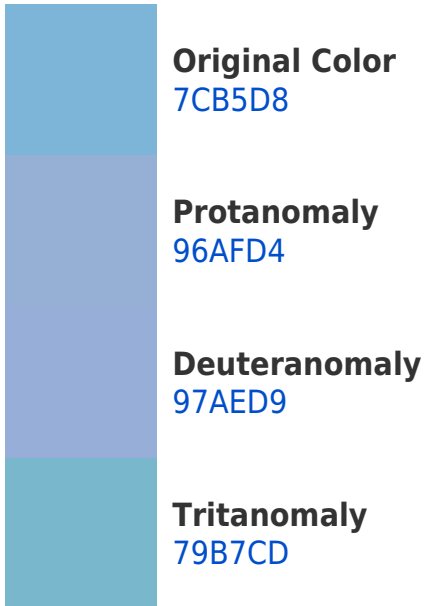
Dichromacy



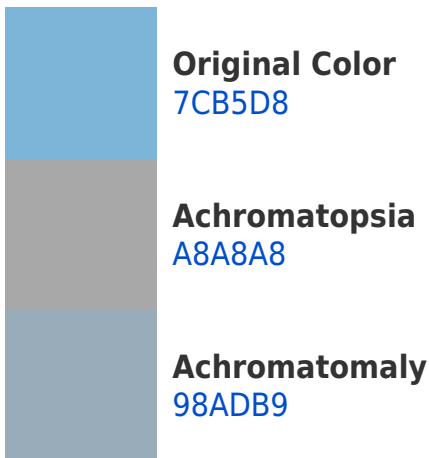


Tritanopia
77B8C7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7CB5D8 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 #7CB5D8 looks like.

```
.text, #text, p{  
    color:#7CB5D8  
}
```

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 #7CB5D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CB5D8  
}
```

Border

The CSS property to change the border of an element to Hex 7CB5D8 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  
#7CB5D8 }
```

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

```
.border{ border-color:#7CB5D8 }
```

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

Here you see how a box with a 4 pixel #7CB5D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CB5D8; -webkit-box-shadow:4px 4px  
4px 4px #7CB5D8; box-shadow:4px 4px 4px  
4px #7CB5D8 }
```

Background

The CSS property to change the background color of an element to Hex 7CB5D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CB5D8 }
```

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

```
.background{ background-color:#7CB5D8 }
```

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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