

Converting Colors

Hex(7CBDE9)

Have a look what the booklet for
Hex(7CBDE9) contains.

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Color

Hex(7CBDE9)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 7CBDE9 |
| RGB | 124, 189, 233 |
| RGB Percent | 49%, 74%, 91% |
| CMY | 0.5137, 0.2588, 0.0863 |
| CMYK | 0.47, 0.19, 0.00, 0.09 |
| HSL | 204°, 71%, 70% |
| HSV | 204°, 47%, 91% |
| XYZ | 41.2178, 46.5635, 83.9060 |
| YIQ | 174.5810, -52.8640, -0.0960 |

Conversions

Conversions Part 2

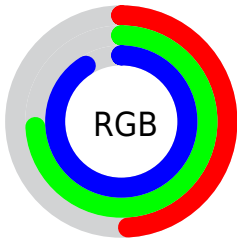
| Format | Color |
|-------------------------------------|---|
| RYB | 124, 165, 233 |
| Decimal | 8175081 |
| CIELab | 73.91, -9.08, -28.34 |
| CIELCh | 74, 29.764, 252.232 |
| Yxy | 46.5635, 0.2401, 0.2712 |
| Android (android.graphics.Color) | 4286365161 (0xFF7CBDE9) |
| YUV | 174.5810, 28.8006, -44.3595 |
| Hunter-Lab | 68.2374, -11.5954, -25.1379 |

Details

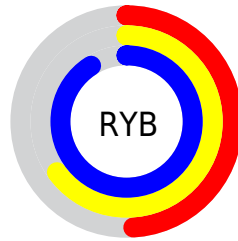
The Hex color **7CBDE9** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **E9A87C**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **B5F5FF**, and **4288B1** is the 20% darker color. If you saturate the color by 10%, you get **65B4E9**, and if you desaturate by 10%, it is **93C6E9**.

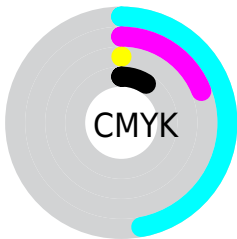
Distribution



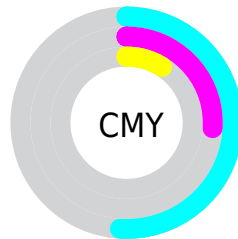
- Red (49%)
- Green (74%)
- Blue (91%)



- Red (49%)
- Yellow (65%)
- Blue (91%)



- Cyan (47%)
- Magenta (19%)
- Yellow (0%)
- Black (9%)



- Cyan (51%)
- Magenta (26%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7CBDE9 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 7CBDE9 by changing the saturation by 10% instead.

 7CBDE9

 7CBDE9

FFFFFF

 60A2CD

 B5F5FF

 4288B1

 D2FFFF

 206E96

 F0FFFF

 00567C

 003F63

 00294B

 001534

 00021F

 000001

■ 7CBDE9

■ 7CBDE9

■ 65B4E9

■ 93C6E9

■ 4DAAE9

■ ABD0E9

■ 36A1E9

■ C2D9E9

■ 1F97E9

■ D9E3E9

■ 088EE9

■ F1ECE9

■ 008BE9

■ FFF5E9

■ FFFFE9

Harmonies

Analogous

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



63C3D9



7CBDE9



A3B4EB

Triad

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



7CBDE9



EDA2AB



9FBF8D

Complementary

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



7CBDE9



E9A87C

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.



BEB880



7CBDE9



E8A692

Square

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



7CBDE9



E2A3C7



D8AE82



80C4A4

Rectangle

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



7CBDE9



BCAEE4



D8AE82



AABD87

Sweetspot

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



7CBDE9



DBF1FF



7CE9A8



6A7780



000000



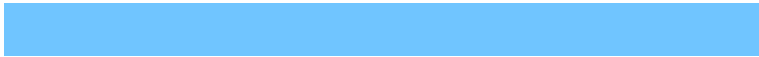
808080

Same Dimension

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



7CBDE9



70C5FF



7C87E9



6A7175



006CB5



002036

Inverse Universe

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



E97CBD



FF70C5



E9DE7C



756A71



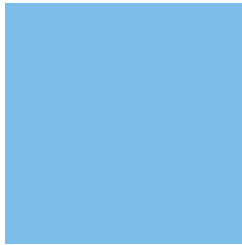
B5006C



360020

Previews

White Background



This preview shows how the Hex color 7CBDE9 looks on a white background.

Color Contrast Check

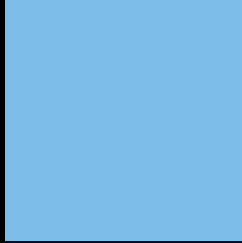
Large Text (above 18pt) WCAG AA × Fail

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 7CBDE9 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 7CBDE9 Background



This preview shows how black text looks on a background with the Hex color 7CBDE9.

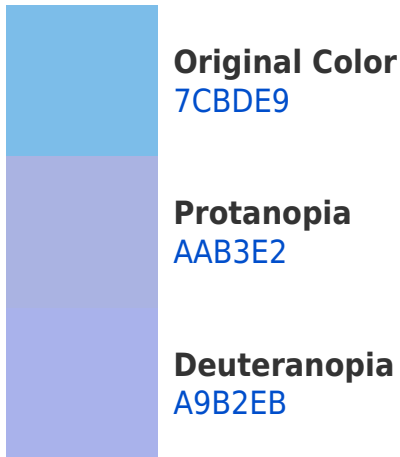


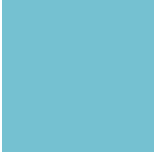
This preview shows how white text looks on a background with the Hex color 7CBDE9.

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](#).

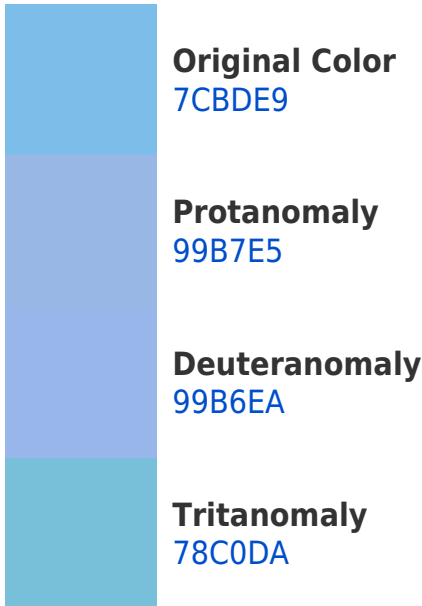
Dichromacy



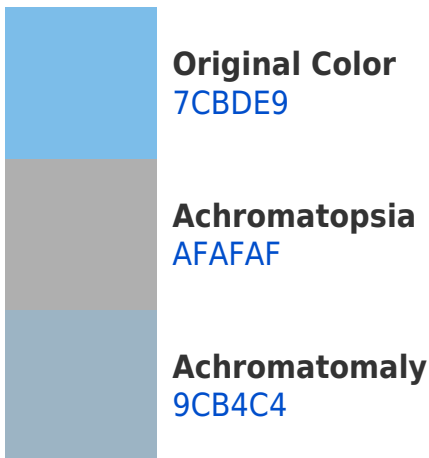


Tritanopia
75C1D1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7CBDE9 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 #7CBDE9 looks like.

```
.text, #text, p{  
    color:#7CBDE9  
}
```

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 #7CBDE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CBDE9
}
```

Border

The CSS property to change the border of an element to Hex 7CBDE9 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
#7CBDE9 }
```

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

```
.border{ border-color:#7CBDE9 }
```

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

Here you see how a box with a 4 pixel #7CBDE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CBDE9; -webkit-box-shadow:4px 4px  
4px 4px #7CBDE9; box-shadow:4px 4px 4px  
4px #7CBDE9 }
```

Background

The CSS property to change the background color of an element to Hex 7CBDE9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CBDE9 }
```

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

```
.background{ background-color:#7CBDE9 }
```

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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