

Converting Colors

Hex(8CBDD7)

Have a look what the booklet for
Hex(8CBDD7) contains.

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Color

Hex(8CBDD7)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 8CBDD7 |
| RGB | 140, 189, 215 |
| RGB Percent | 55%, 74%, 84% |
| CMY | 0.4510, 0.2588, 0.1569 |
| CMYK | 0.35, 0.12, 0.00, 0.16 |
| HSL | 201°, 48%, 70% |
| HSV | 201°, 35%, 84% |
| XYZ | 41.2786, 46.8769, 71.1625 |
| YIQ | 177.3130, -37.5500, -2.3020 |

Conversions

Conversions Part 2

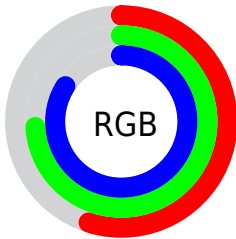
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 140, 170, 215 |
| Decimal | 9223639 |
| CIELab | 74.11, -9.76, -18.20 |
| CIElCh | 74, 20.654, 241.786 |
| Yxy | 46.8769, 0.2591, 0.2942 |
| Android (android.graphics.Color) | 4287413719 (0xFF8CBDD7) |
| YUV | 177.3130, 18.5797, -32.7235 |
| Hunter-Lab | 68.4667, -12.1992, -13.6978 |

Details

The Hex color **8CBDD7** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **D7A68C**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **C4F5FF**, and **5788A0** is the 20% darker color. If you saturate the color by 10%, you get **76B6D7**, and if you desaturate by 10%, it is **A2C4D7**.

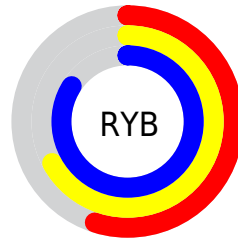
Distribution



Red (55%)

Green (74%)

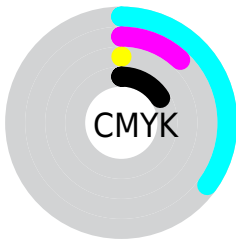
Blue (84%)



Red (55%)

Yellow (67%)

Blue (84%)

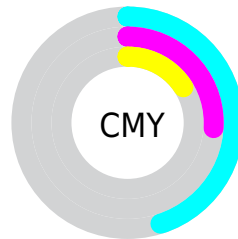


Cyan (35%)

Magenta (12%)

Yellow (0%)

Black (16%)



Cyan (45%)

Magenta (26%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8CBDD7 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 8CBDD7 by changing the saturation by 10% instead.

8CBDD7

8CBDD7

FFFFFF

71A2BB

C4F5FF

5788A0

E0FFFF

3C6E86

FDFFFF

20566D

003F54

00293D

001527

000112

000000

8CBDD7

8CBDD7

76B6D7

A2C4D7

61AED7

B7CCD7

4CA7D7

CDD3D7

369FD7

E2DBD7

2198D7

F8E2D7

0B90D7

FFEAD7

008CD7

FFF1D7

FFF9D7

FFFFD7

Harmonies

Analogous

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



82C0C9



8CBDD7



A2B7DC

Triad

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



8CBDD7



DCA9B6



AFBB96

Complementary

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



8CBDD7



D7A68C

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.



C4B590



8CBDD7



DDAAA3

Square

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



8CBDD7



D0ABC8



D4AF95



99BFA4

Rectangle

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



8CBDD7



B3B3D9



D4AF95



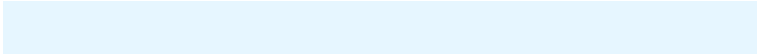
B6B993

Sweetspot

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



8CBDD7



E6F6FF



8CD7A5



707A80



000000



808080

Same Dimension

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



8CBDD7



94DAFF



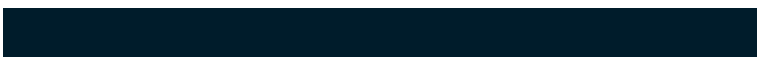
8C99D7



60676B



0070AB



001C2B

Inverse Universe

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



D78CBD



FF94DA



D7CB8C



6B6067



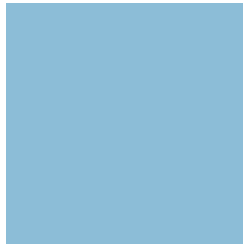
AB0070



2B001C

Previews

White Background



This preview shows how the Hex color 8CBDD7 looks on a white background.

Color Contrast Check

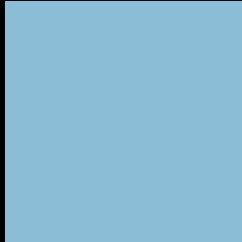
Large Text (above 18pt) WCAG AA × Fail

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 8CBDD7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

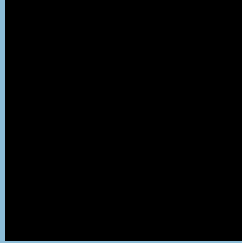
Any Text WCAG AA ✓ Pass

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 8CBDD7 Background



This preview shows how black text looks on a background with the Hex color 8CBDD7.

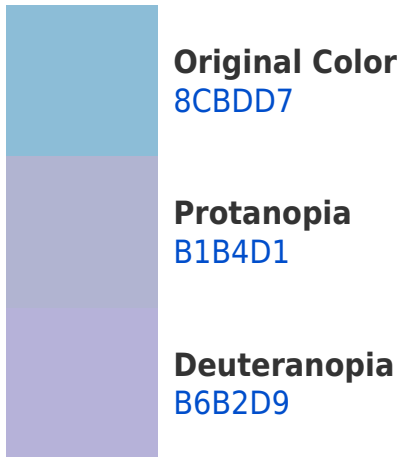


This preview shows how white text looks on a background with the Hex color 8CBDD7.

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](#).

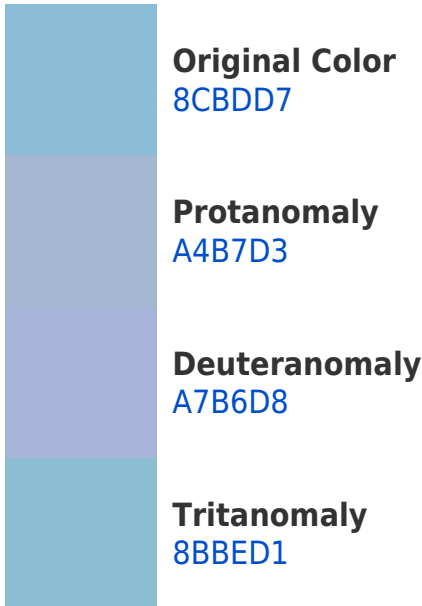
Dichromacy



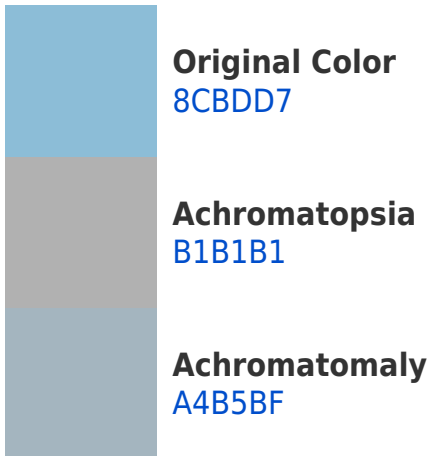


Tritanopia
8ABFCE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8CBDD7 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 #8CBDD7 looks like.

```
.text, #text, p{  
    color:#8CBDD7  
}
```

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 #8CBDD7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8CBDD7
}
```

Border

The CSS property to change the border of an element to Hex 8CBDD7 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
#8CBDD7 }
```

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

```
.border{ border-color:#8CBDD7 }
```

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

Here you see how a box with a 4 pixel #8CBDD7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8CBDD7; -webkit-box-shadow:4px 4px  
4px 4px #8CBDD7; box-shadow:4px 4px 4px  
4px #8CBDD7 }
```

Background

The CSS property to change the background color of an element to Hex 8CBDD7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8CBDD7 }
```

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

```
.background{ background-color:#8CBDD7 }
```

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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