

Converting Colors

Hex(7DBCCB)

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

Hex(7DBCCB)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7DBCCB)

Conversions

Conversions Part 1

Format	Color
Hex	7DBCCB
RGB	125, 188, 203
RGB Percent	49%, 74%, 80%
CMY	0.5098, 0.2627, 0.2039
CMYK	0.38, 0.07, 0.00, 0.20
HSL	192°, 43%, 64%
HSV	192°, 38%, 80%
XYZ	37.2202, 44.6382, 63.1542
YIQ	170.8730, -42.3630, -8.6910

Conversions

Conversions Part 2

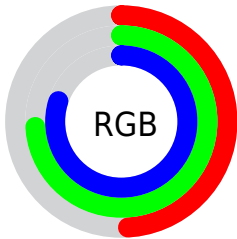
Format	Color
RYB	125, 160, 203
Decimal	8240331
CIELab	72.65, -16.32, -13.94
CIElCh	73, 21.465, 220.509
Yxy	44.6382, 0.2567, 0.3078
Android (android.graphics.Color)	4286430411 (0xFF7DBCCB)
YUV	170.8730, 15.8386, -40.2306
Hunter-Lab	66.8118, -17.4803, -9.2759

Details

The Hex color **7DBCCB** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **CB8C7D**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **B4F4FF**, and **478795** is the 20% darker color. If you saturate the color by 10%, you get **69B8CB**, and if you desaturate by 10%, it is **91C0CB**.

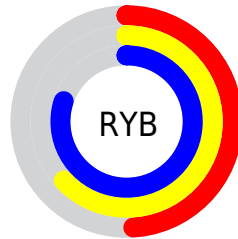
Distribution



Red (49%)

Green (74%)

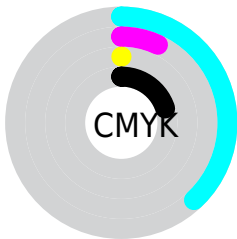
Blue (80%)



Red (49%)

Yellow (63%)

Blue (80%)

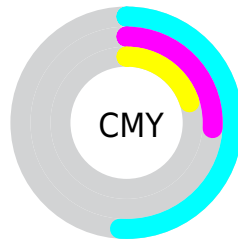


Cyan (38%)

Magenta (7%)

Yellow (0%)

Black (20%)



Cyan (51%)

Magenta (26%)

Yellow (20%)

Brightness & Saturation Gradients

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

 7DBCCB

 7DBCCB

FFFFFF

 62A1B0

 B4F4FF

 478795

 D1FFFF

 2B6D7B

 EEEFFF

 045562

 003D4A

 002734

 00121F

 000003

 000000

 7DBCCB

 7DBCCB

 69B8CB

 91C0CB

 54B4CB

 A6C4CB

 40B0CB

 BAC8CB

 2CACCB

 CECCCB

 18A8CB

 E3D0CB

 03A5CB

 F7D3CB

 00A4CB

 FFD7CB

 FFDBC B

 FFDFCB

Harmonies

Analogous

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



7FBEB9



7DBCCB



8CB8D7

Triad

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



7DBCCB



D1A6C0



BAB38C

Complementary

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



7DBCCB



CB8C7D

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.



CDAD8E



7DBCCB



DBA4AC

Square

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



7DBCCB



BEABD0



D9A79A



A4B994

Rectangle

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



7DBCCB



9CB4D9



D9A79A



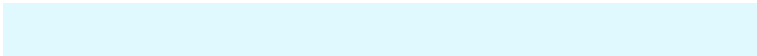
C1B18B

Sweetspot

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



7DBCCB



E0F9FF



7DCB8B



6E7C80



000000



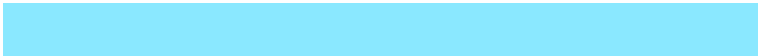
808080

Same Dimension

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



7DBCCB



8AE8FF



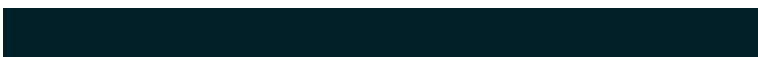
7D96CB



5C6466



0086A6



001F26

Inverse Universe

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



CB7DBC



FF8AE8



CBB27D



665C64



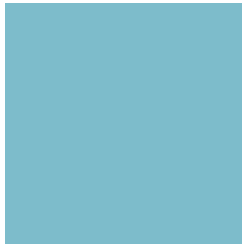
A60086



26001F

Previews

White Background



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

Color Contrast Check

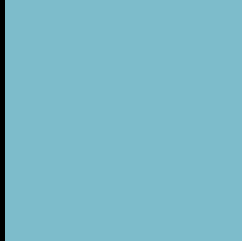
Large Text (above 18pt) WCAG AA × Fail

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 7DBCCB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

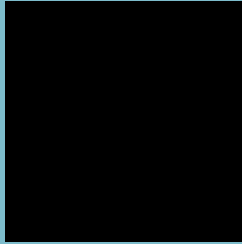
Any Text WCAG AA ✓ Pass

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 7DBCCB Background



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

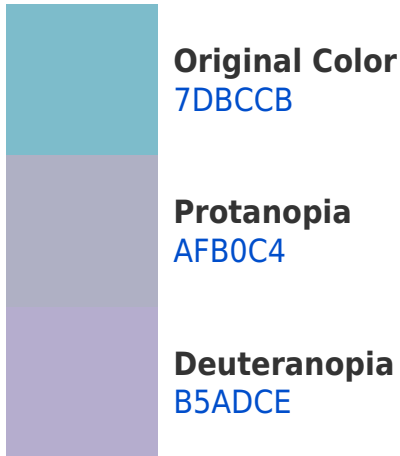


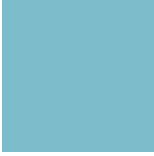
This preview shows how white text looks on a background with the Hex color 7DBCCB.

Color Blindness Simulation

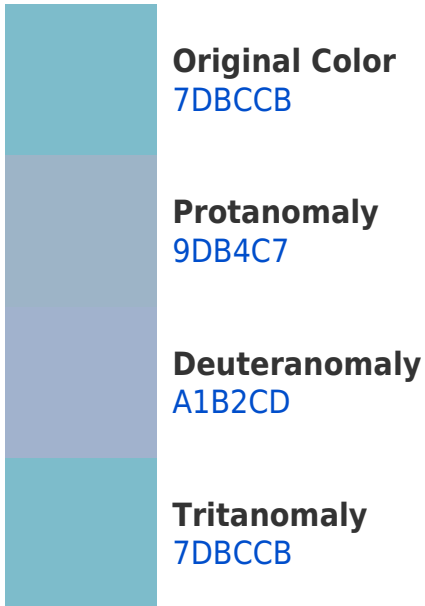
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

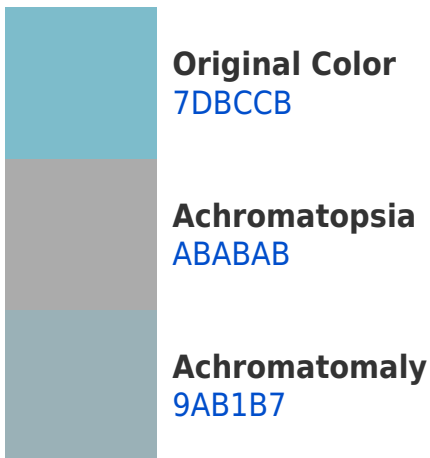




Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #7DBCCB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor