

Converting Colors

Hex(7DBCBB)

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

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Color

Hex(7DBCBB)

Conversions

Conversions Part 1

Format	Color
Hex	7DBCBB
RGB	125, 188, 187
RGB Percent	49%, 74%, 73%
CMY	0.5098, 0.2627, 0.2667
CMYK	0.34, 0.00, 0.01, 0.26
HSL	179°, 32%, 61%
HSV	179°, 34%, 74%
XYZ	35.4103, 43.9143, 53.6237
YIQ	169.0490, -37.2270, -13.6670

Conversions

Conversions Part 2

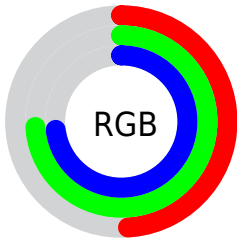
Format	Color
RYB	125, 157, 188
Decimal	8240315
CIELab	72.17, -20.27, -5.92
CIELCh	72, 21.118, 196.285
Yxy	43.9143, 0.2663, 0.3303
Android (android.graphics.Color)	4286430395 (0xFF7DBCBB)
YUV	169.0490, 8.8498, -38.6310
Hunter-Lab	66.2678, -20.5870, -1.5898

Details

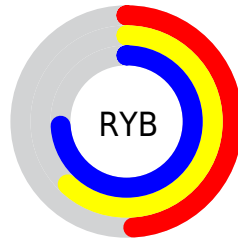
The Hex color **7DBCBB** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **BC7D7E**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **B4F4F3**, and **488786** is the 20% darker color. If you saturate the color by 10%, you get **6ABCBB**, and if you desaturate by 10%, it is **90BCBB**.

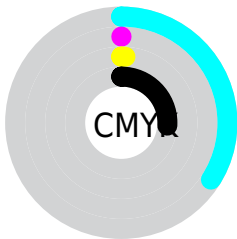
Distribution



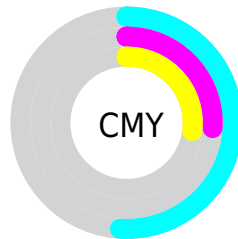
- Red (49%)
- Green (74%)
- Blue (73%)



- Red (49%)
- Yellow (62%)
- Blue (74%)



- Cyan (34%)
- Magenta (0%)
- Yellow (1%)
- Black (26%)



- Cyan (51%)
- Magenta (26%)
- Yellow (27%)

Brightness & Saturation Gradients

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

 7DBCBB

 7DBCBB

FFFFFF

 62A1A0

 B4F4F3

 488786

 D0FFFF

 2D6D6D

 EDFFFF

 0D5554

 003D3D

 002728

 000F13

 000000

 7DBCBB

 7DBCBB

6ABCBB

90BCBB

57BCBA

A3BCBC

45BCBA

B5BCBC

32BCBA

C8BCBC

1FBCBA

DBBCBC

0CBCB9

EEBCBD

00BCB9

FFBCBD

FFBCBE

Harmonies

Analogous

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



8ABBA7



7DBCBB



7EBACC

Triad

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



7DBCBB



C1A9CC



C8AD8C

Complementary

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



7DBCBB



BC7D7E

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.



D5A796



7DBCBB



D2A4BB

Square

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



7DBCBB



A9AFD6



D9A3A7



B5B38C

Rectangle

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



7DBCBB



88B7D4



D9A3A7



CDAB8E

Sweetspot

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



7DBCBB



DCF5F4



7EBC7D



6C7A7A



FAFAFA



7A7A7A

Same Dimension

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



7DBCBB



93F5F3



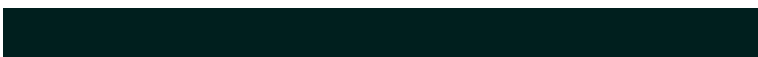
7D9EBC



555E5E



009E9C



001F1E

Inverse Universe

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



BC7D7E



F59394



BC9B7D



5E5555



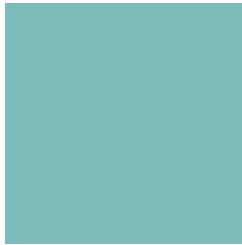
9E0003



1F0000

Previews

White Background



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

Color Contrast Check

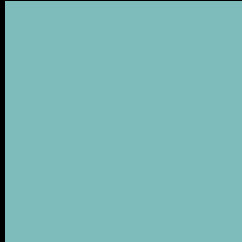
Large Text (above 18pt) WCAG AA × Fail

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 7DBCBB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

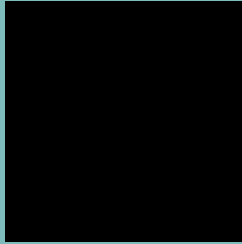
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

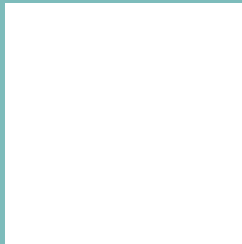
Any Text WCAG AAA ✓ Pass

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

Hex 7DBCBB Background



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

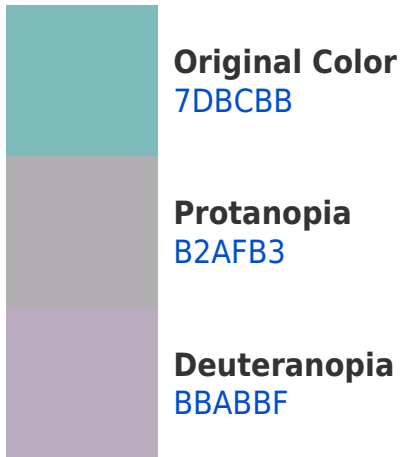


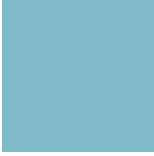
This preview shows how white text looks on a background with the Hex color 7DBCBB.

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
80BAC9

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #7DBCBB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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