

Converting Colors

Hex(7DB0B8)

Have a look what the booklet for
Hex(7DB0B8) contains.

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Color

Hex(7DB0B8)

Conversions

Conversions Part 1

Format	Color
Hex	7DB0B8
RGB	125, 176, 184
RGB Percent	49%, 69%, 72%
CMY	0.5098, 0.3098, 0.2784
CMYK	0.32, 0.04, 0.00, 0.28
HSL	188°, 29%, 61%
HSV	188°, 32%, 72%
XYZ	32.6345, 38.8713, 51.1303
YIQ	161.6630, -32.9640, -8.3240

Conversions

Conversions Part 2

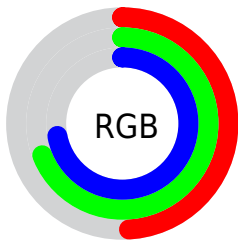
Format	Color
R _{YB}	125, 152, 184
Decimal	8237240
CIE _{Lab}	68.66, -14.79, -9.49
CIE _{LCh}	69, 17.570, 212.700
Y _{xy}	38.8713, 0.2661, 0.3170
Android (android.graphics.Color)	4286427320 (0xFF7DB0B8)
YUV	161.6630, 11.0121, -32.1535
Hunter-Lab	62.3469, -15.6740, -4.9806

Details

The Hex color **7DB0B8** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B8857D**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **B3E8F0**, and **497B83** is the 20% darker color. If you saturate the color by 10%, you get **6BAEB8**, and if you desaturate by 10%, it is **8FB2B8**.

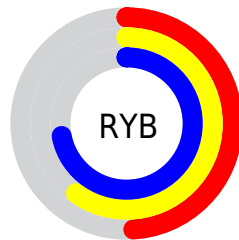
Distribution



Red (49%)

Green (69%)

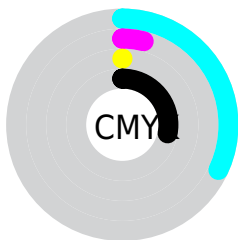
Blue (72%)



Red (49%)

Yellow (60%)

Blue (72%)

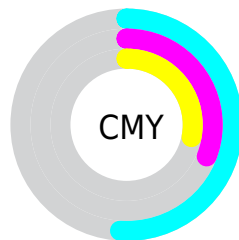


Cyan (32%)

Magenta (4%)

Yellow (0%)

Black (28%)



Cyan (51%)

Magenta (31%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7DB0B8 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 7DB0B8 by changing the saturation by 10% instead.

 7DB0B8

 7DB0B8

FFFFFF

 63959D

 B3E8F0

 497B83

 D0FFFF

 2F626A

 ECFFFF

 134A52

 00343B

 001F25

 000110

 000000

 7DB0B8

 7DB0B8

6BAEB8

8FB2B8

58ABB8

A2B5B8

46A9B8

B4B7B8

33A6B8

C7BAB8

21A4B8

D9BCB8

0FA1B8

EBBFB8

009FB8

FEC1B8

FFC4B8

FFC6B8

Harmonies

Analogous

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



81B1A8



7DB0B8



85ADC3

Triad

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



7DB0B8



BE9EB6



B2A788

Complementary

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



7DB0B8



B8857D

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.



C1A28C



7DB0B8



C79CA7

Square

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



7DB0B8



ACA3C2



C89E97



A1AC8D

Rectangle

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



7DB0B8



91AAC7



C89E97



B8A588

Sweetspot

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



7DB0B8



D8ECF0



7DB885



697678



F7F7F7



787878

Same Dimension

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



7DB0B8



95E3F0



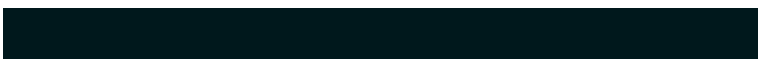
7D93B8



535B5C



00869C



00181C

Inverse Universe

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



B87DB0



F095E3



B8A27D



5C535B



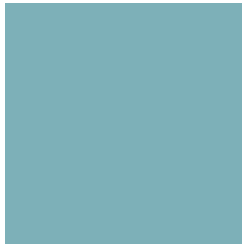
9C0086



1C0018

Previews

White Background



This preview shows how the Hex color 7DB0B8 looks on a white background.

Color Contrast Check

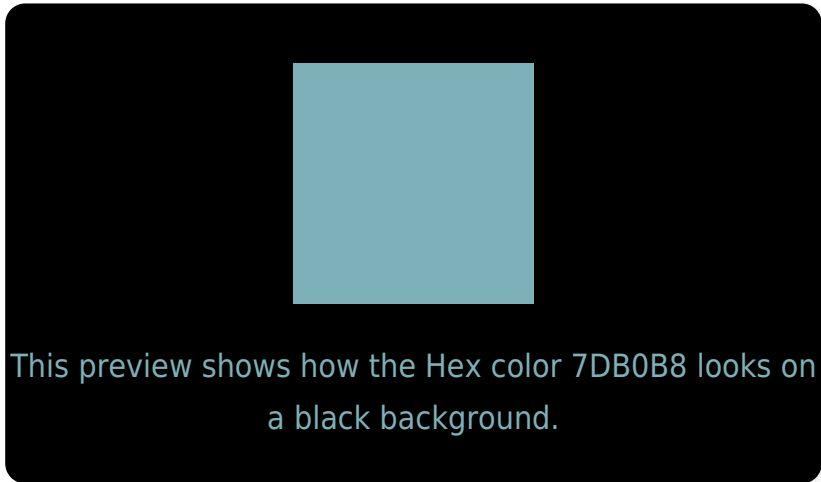
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

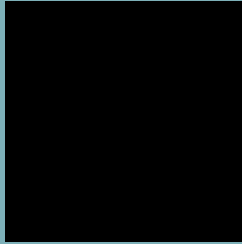
Any Text WCAG AA ✓ Pass

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 7DB0B8 Background



This preview shows how black text looks on a background with the Hex color 7DB0B8.

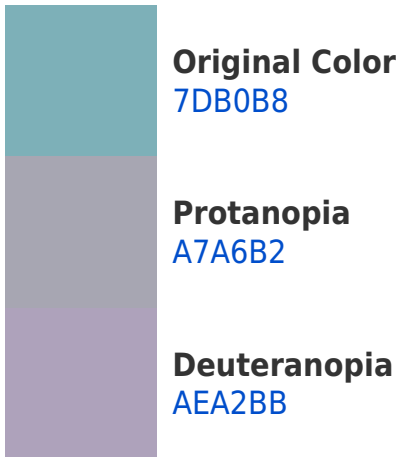


This preview shows how white text looks on a background with the Hex color 7DB0B8.

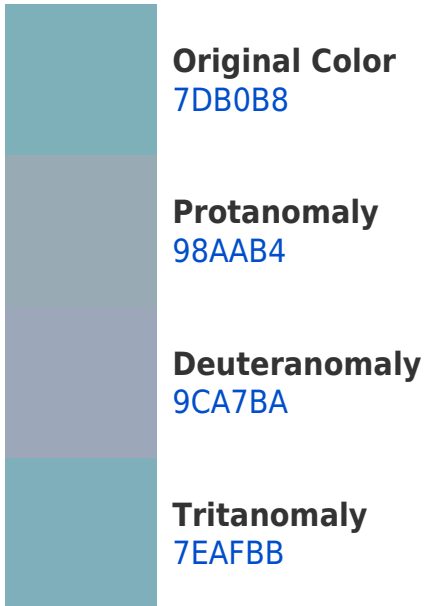
Color Blindness Simulation

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](#).

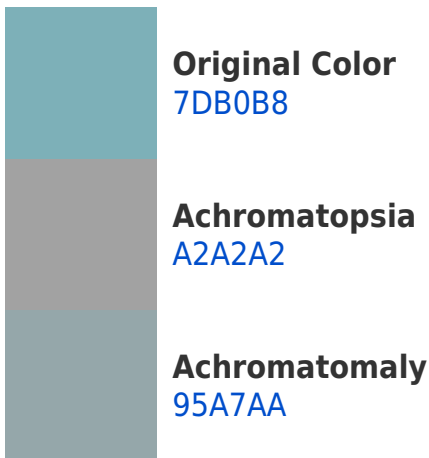
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7DB0B8 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 #7DB0B8 looks like.

```
.text, #text, p{  
    color:#7DB0B8  
}
```

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 #7DB0B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DB0B8  
}
```

Border

The CSS property to change the border of an element to Hex 7DB0B8 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  
#7DB0B8 }
```

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

```
.border{ border-color:#7DB0B8 }
```

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

Here you see how a box with a 4 pixel #7DB0B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DB0B8; -webkit-box-shadow:4px 4px  
4px 4px #7DB0B8; box-shadow:4px 4px 4px  
4px #7DB0B8 }
```

Background

The CSS property to change the background color of an element to Hex 7DB0B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DB0B8 }
```

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

```
.background{ background-color:#7DB0B8 }
```

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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