

Converting Colors

Hex(7DBC D3)

Have a look what the booklet for
Hex(7DBCD3) contains.

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Color

Hex(7DBC D3)

Conversions

Conversions Part 1

Format	Color
Hex	7DBC D3
RGB	125, 188, 211
RGB Percent	49%, 74%, 83%
CMY	0.5098, 0.2627, 0.1725
CMYK	0.41, 0.11, 0.00, 0.17
HSL	196°, 49%, 66%
HSV	196°, 41%, 83%
XYZ	38.1985, 45.0296, 68.3063
YIQ	171.7850, -44.9310, -6.2030

Conversions

Conversions Part 2

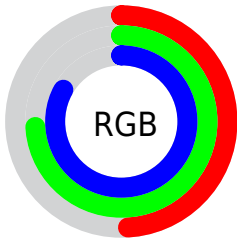
Format	Color
R _{YB}	125, 161, 211
Decimal	8240339
CIE _{Lab}	72.91, -14.26, -17.92
CIE _{LCh}	73, 22.895, 231.489
Y _{xy}	45.0296, 0.2521, 0.2972
Android (android.graphics.Color)	4286430419 (0xFF7DBCD3)
YUV	171.7850, 19.3330, -41.0304
Hunter-Lab	67.1041, -15.8222, -13.3794

Details

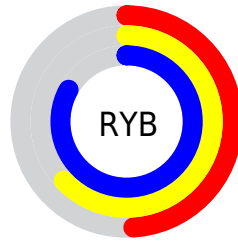
The Hex color **7DBCD3** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D3947D**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **B5F4FF**, and **46879C** is the 20% darker color. If you saturate the color by 10%, you get **68B6D3**, and if you desaturate by 10%, it is **92C2D3**.

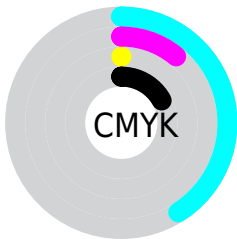
Distribution



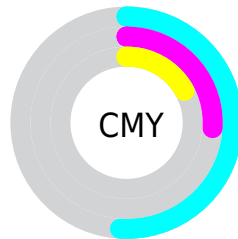
- Red (49%)
- Green (74%)
- Blue (83%)



- Red (49%)
- Yellow (63%)
- Blue (83%)



- Cyan (41%)
- Magenta (11%)
- Yellow (0%)
- Black (17%)



- Cyan (51%)
- Magenta (26%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7DBCD3 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 7DBCD3 by changing the saturation by 10% instead.

7DBCD3

7DBCD3

FFFFFF

62A1B7

B5F4FF

46879C

D1FFFF

296D82

EFFFFFF

005569

003E51

00283A

001424

00010E

000000

7DBCD3

7DBCD3

68B6D3

92C2D3

53B1D3

A7C7D3

3EABD3

BCCDD3

29A5D3

D1D3D3

14A0D3

E6D8D3

009BD3

FCDED3

FFE4D3

FFE9D3

FFEFD3

Harmonies

Analogous

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



78BFC1



7DBCD3



92B7DC

Triad

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



7DBCD3



D9A5BA



B3B68C

Complementary

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



7DBCD3



D3947D

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.



C8B08A



7DBCD3



DEA5A5

Square

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



7DBCD3



C8A9CD



D8A993



9BBC98

Rectangle

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



7DBCD3



A5B2DC



D8A993



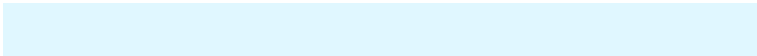
BAB48A

Sweetspot

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



7DBCD3



E0F7FF



7DD394



6E7B80



000000



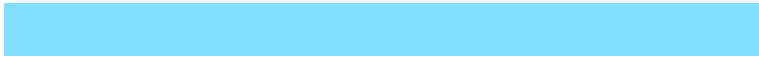
808080

Same Dimension

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



7DBCD3



82DEFF



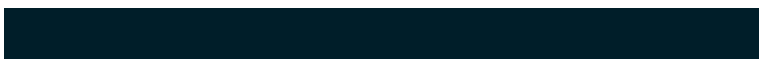
7D91D3



5E6669



007BA8



001E29

Inverse Universe

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



D37DBC



FF82DE



D3BF7D



695E66



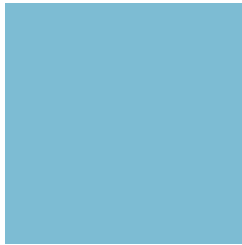
A8007B



29001E

Previews

White Background



This preview shows how the Hex color 7DBCD3 looks on a white background.

Color Contrast Check

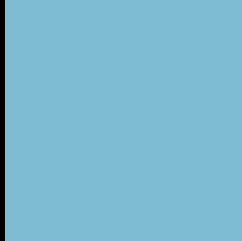
Large Text (above 18pt) WCAG AA × Fail

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 7DBCD3 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 7DBCD3 Background



This preview shows how black text looks on a background with the Hex color 7DBCD3.

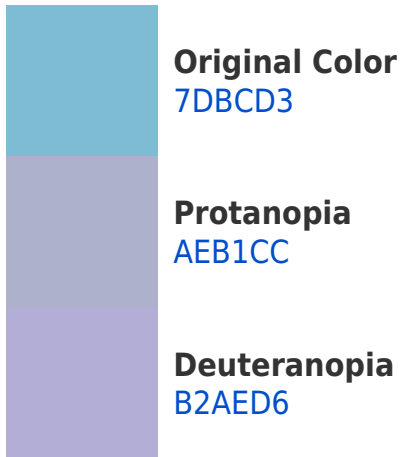


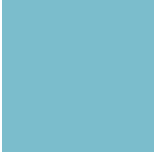
This preview shows how white text looks on a background with the Hex color 7DBCD3.

Color Blindness Simulation

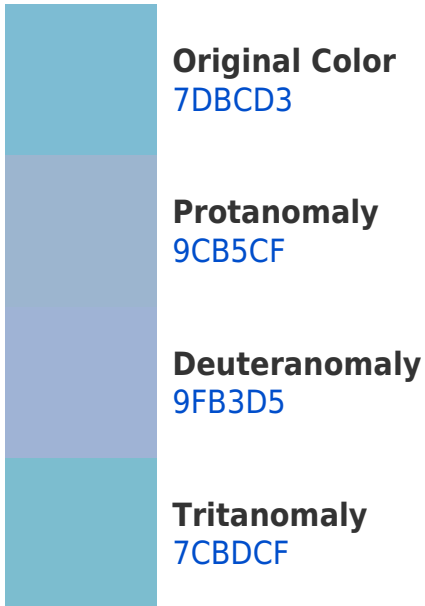
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

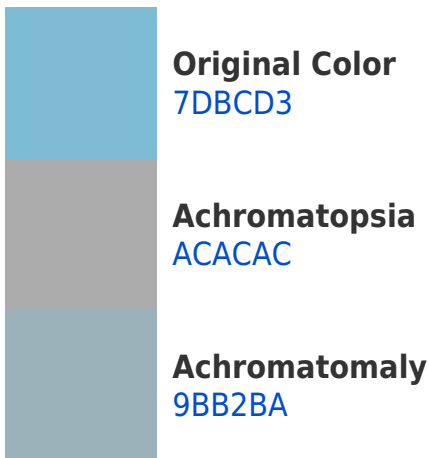




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7DBCD3 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 #7DBCD3 looks like.

```
.text, #text, p{  
    color:#7DBCD3  
}
```

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 #7DBCD3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DBCD3
}
```

Border

The CSS property to change the border of an element to Hex 7DBCD3 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
#7DBCD3 }
```

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

```
.border{ border-color:#7DBCD3 }
```

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

Here you see how a box with a 4 pixel #7DBCD3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DBCD3; -webkit-box-shadow:4px 4px  
4px 4px #7DBCD3; box-shadow:4px 4px 4px  
4px #7DBCD3 }
```

Background

The CSS property to change the background color of an element to Hex 7DBCD3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DBCD3 }
```

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

```
.background{ background-color:#7DBCD3 }
```

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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