

Converting Colors

Hex(7DB3DD)

Have a look what the booklet for
Hex(7DB3DD) contains.

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Color

Hex(7DB3DD)

Conversions

Conversions Part 1

Format	Color
Hex	7DB3DD
RGB	125, 179, 221
RGB Percent	49%, 70%, 87%
CMY	0.5098, 0.2980, 0.1333
CMYK	0.43, 0.19, 0.00, 0.13
HSL	206°, 59%, 68%
HSV	206°, 43%, 87%
XYZ	37.6287, 41.8206, 74.4956
YIQ	167.6420, -45.6660, 1.6140

Conversions

Conversions Part 2

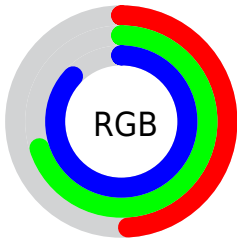
Format	Color
R _Y B	125, 160, 221
Decimal	8238045
CIE Lab	70.75, -6.77, -26.67
CIE LCh	71, 27.515, 255.754
Yxy	41.8206, 0.2444, 0.2717
Android (android.graphics.Color)	4286428125 (0xFF7DB3DD)
YUV	167.6420, 26.3055, -37.3970
Hunter-Lab	64.6689, -9.3072, -23.0311

Details

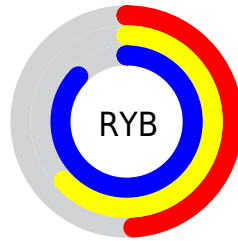
The Hex color **7DB3DD** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **DDA77D**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **B5EBFF**, and **457EA6** is the 20% darker color. If you saturate the color by 10%, you get **67A9DD**, and if you desaturate by 10%, it is **93BDDD**.

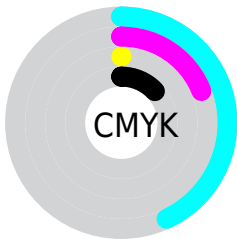
Distribution



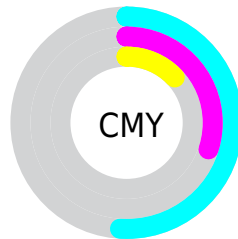
- Red (49%)
- Green (70%)
- Blue (87%)



- Red (49%)
- Yellow (63%)
- Blue (87%)



- Cyan (43%)
- Magenta (19%)
- Yellow (0%)
- Black (13%)



- Cyan (51%)
- Magenta (30%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7DB3DD 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 7DB3DD by changing the saturation by 10% instead.

■ 7DB3DD

■ 7DB3DD

FFFFFF

■ 6198C1

■ B5EBFF

■ 457EA6

■ D2FFFF

■ 27658B

■ EFFFFFF

■ 004E72

■ 003759

■ 002241

■ 00082B

■ 000116

■ 000000

■ 7DB3DD

■ 7DB3DD

■ 67A9DD

■ 93BDDD

■ 51A0DD

■ A9C6DD

■ 3B96DD

■ BFD0DD

■ 258CDD

■ D5DADD

■ 0E83DD

■ ECE3DD

■ 007CDD

■ FFEDDD

■ FFF7DD

■ FFFFDD

Harmonies

Analogous

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



64B9D0



7DB3DD



A0ABDD

Triad

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



7DB3DD



E09BA1



95B68A

Complementary

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



7DB3DD



DDA77D

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.



B2B07D



7DB3DD



DBA08A

Square

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



7DB3DD



D79CBA



CAA77D



79BAA0

Rectangle

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



7DB3DD



B7A5D6



CAA77D



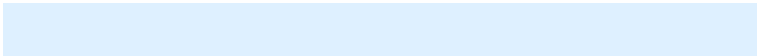
9FB484

Sweetspot

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



7DB3DD



DEF0FF



7DDDA7



6B7780



000000



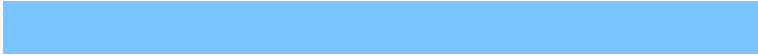
808080

Same Dimension

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



7DB3DD



7AC5FF



7D83DD



63696E



0062AD



001A2E

Inverse Universe

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



DD7DB3



FF7AC5



DDD77D



6E6369



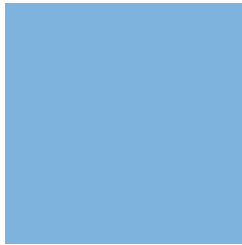
AD0062



2E001A

Previews

White Background



This preview shows how the Hex color 7DB3DD looks on a white background.

Color Contrast Check

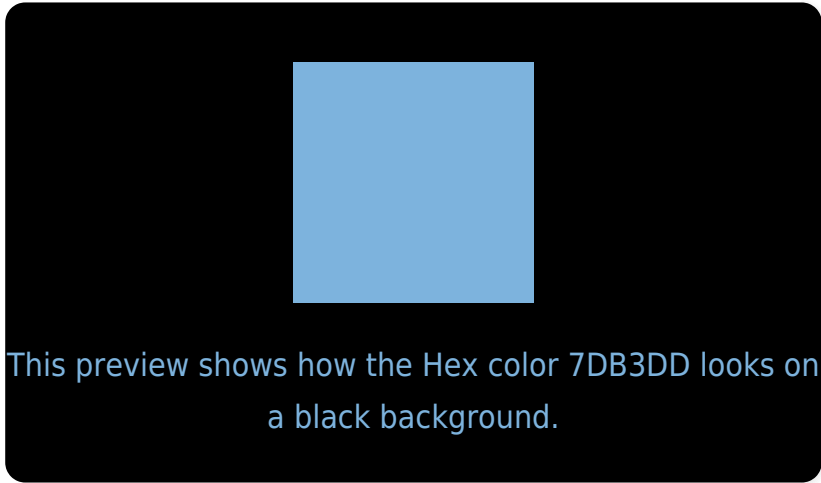
Large Text (above 18pt) WCAG AA × Fail

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

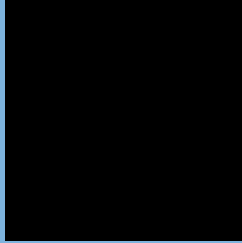
Any Text WCAG AA ✓ Pass

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 7DB3DD Background



This preview shows how black text looks on a background with the Hex color 7DB3DD.

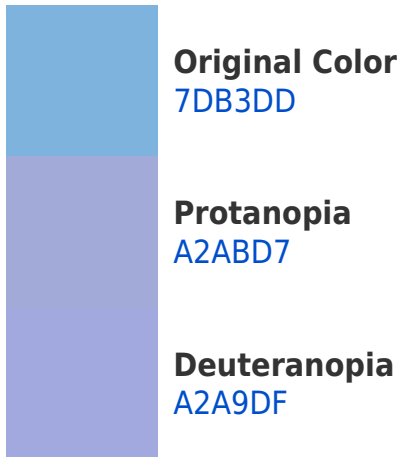


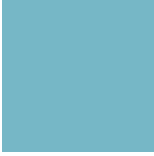
This preview shows how white text looks on a background with the Hex color 7DB3DD.

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](#).

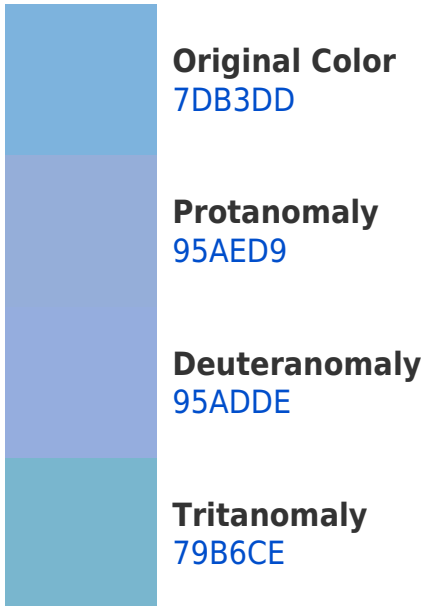
Dichromacy



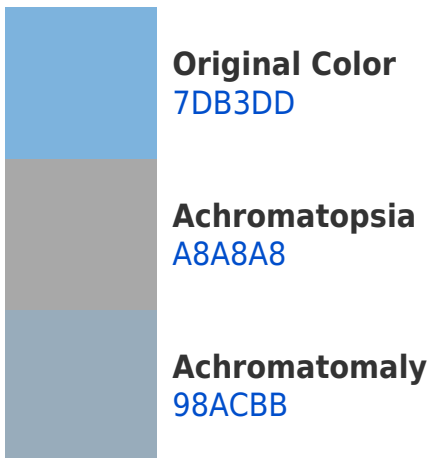


Tritanopia
76B7C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7DB3DD 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 #7DB3DD looks like.

```
.text, #text, p{  
    color:#7DB3DD  
}
```

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 #7DB3DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DB3DD
}
```

Border

The CSS property to change the border of an element to Hex 7DB3DD 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
#7DB3DD }
```

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

```
.border{ border-color:#7DB3DD }
```

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

Here you see how a box with a 4 pixel #7DB3DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DB3DD; -webkit-box-shadow:4px 4px  
4px 4px #7DB3DD; box-shadow:4px 4px 4px  
4px #7DB3DD }
```

Background

The CSS property to change the background color of an element to Hex 7DB3DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DB3DD }
```

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

```
.background{ background-color:#7DB3DD }
```

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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