

Converting Colors

Hex(7DB1D8)

Have a look what the booklet for
Hex(7DB1D8) contains.

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Color

Hex(7DB1D8)

Conversions

Conversions Part 1

Format	Color
Hex	7DB1D8
RGB	125, 177, 216
RGB Percent	49%, 69%, 85%
CMY	0.5098, 0.3059, 0.1529
CMYK	0.42, 0.18, 0.00, 0.15
HSL	206°, 54%, 67%
HSV	206°, 42%, 85%
XYZ	36.5743, 40.7621, 70.9060
YIQ	165.8980, -43.5110, 1.1050

Conversions

Conversions Part 2

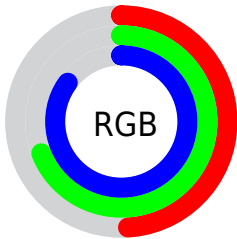
Format	Color
R _Y B	125, 158, 216
Decimal	8237528
CIE Lab	70.01, -7.05, -25.06
CIE LCh	70, 26.037, 254.287
Yxy	40.7621, 0.2467, 0.2750
Android (android.graphics.Color)	4286427608 (0xFF7DB1D8)
YUV	165.8980, 24.7003, -35.8675
Hunter-Lab	63.8452, -9.4740, -21.1553

Details

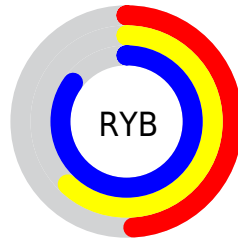
The Hex color **7DB1D8** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **D8A47D**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **B5E9FF**, and **467DA1** is the 20% darker color. If you saturate the color by 10%, you get **67A8D8**, and if you desaturate by 10%, it is **93BAD8**.

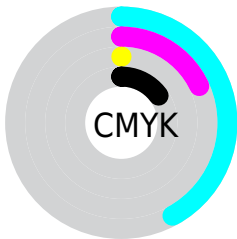
Distribution



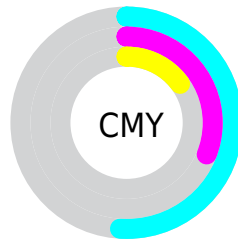
- Red (49%)
- Green (69%)
- Blue (85%)



- Red (49%)
- Yellow (62%)
- Blue (85%)



- Cyan (42%)
- Magenta (18%)
- Yellow (0%)
- Black (15%)



- Cyan (51%)
- Magenta (31%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7DB1D8 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 7DB1D8 by changing the saturation by 10% instead.

7DB1D8

7DB1D8

FFFFFF

6296BC

B5E9FF

467DA1

D1FFFF

296487

FFFFFF

004C6D

003555

00203D

000328

000111

000000

■ 7DB1D8

■ 7DB1D8

■ 67A8D8

■ 93BAD8

■ 529ED8

■ A8C4D8

■ 3C95D8

■ BECDD8

■ 278CD8

■ D3D6D8

■ 1183D8

■ E9DFD8

■ 007BD8

■ FFE9D8

■ FFF2D8

■ FFFBD8

■ FFFF8

Harmonies

Analogous

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



67B6CB



7DB1D8



9EA9D9

Triad

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



7DB1D8



DB9AA0



96B489

Complementary

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



7DB1D8



D8A47D

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.



B1AD7D



7DB1D8



D79E8B

Square

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



7DB1D8



D29BB9



C8A57E



7CB79E

Rectangle

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



7DB1D8



B3A4D2



C8A57E



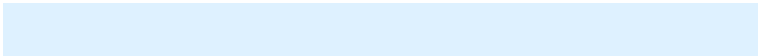
9FB284

Sweetspot

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



7DB1D8



DEF1FF



7DD8A3



6B7780



000000



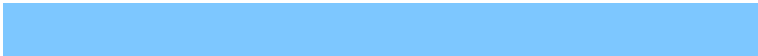
808080

Same Dimension

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



7DB1D8



7DC7FF



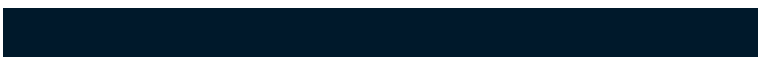
7D85D8



60676B



0062AB



00192B

Inverse Universe

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



D87DB1



FF7DC7



D8D07D



6B6067



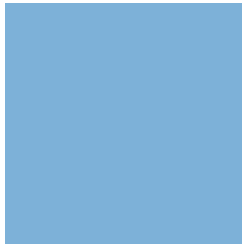
AB0062



2B0019

Previews

White Background



This preview shows how the Hex color 7DB1D8 looks on a white background.

Color Contrast Check

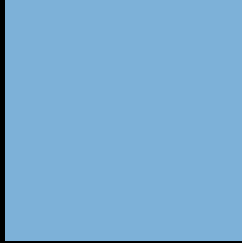
Large Text (above 18pt) WCAG AA × Fail

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 7DB1D8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

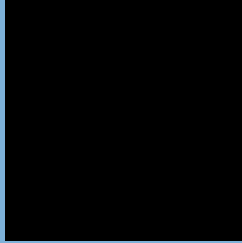
Any Text WCAG AA ✓ Pass

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 7DB1D8 Background



This preview shows how black text looks on a background with the Hex color 7DB1D8.

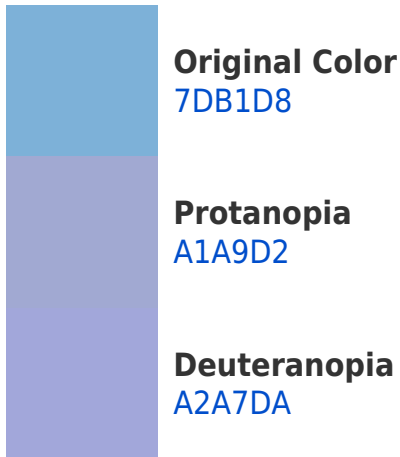


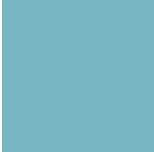
This preview shows how white text looks on a background with the Hex color 7DB1D8.

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](#).

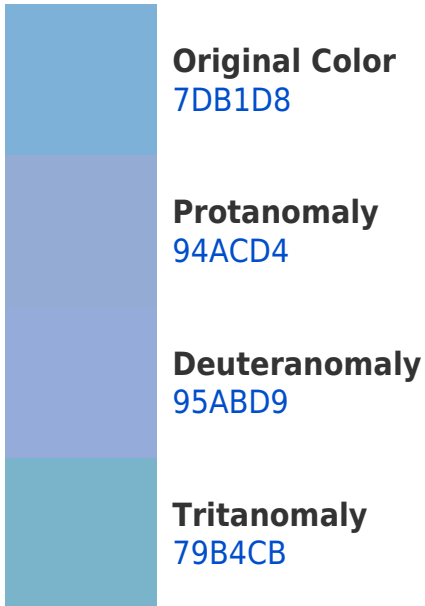
Dichromacy



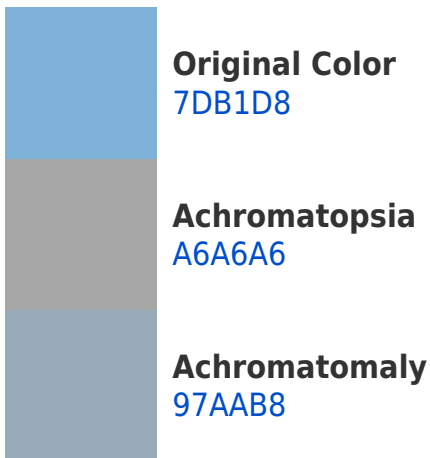


Tritanopia
77B5C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7DB1D8 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 #7DB1D8 looks like.

```
.text, #text, p{  
    color:#7DB1D8  
}
```

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 #7DB1D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DB1D8
}
```

Border

The CSS property to change the border of an element to Hex 7DB1D8 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
#7DB1D8 }
```

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

```
.border{ border-color:#7DB1D8 }
```

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

Here you see how a box with a 4 pixel #7DB1D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DB1D8; -webkit-box-shadow:4px 4px  
4px 4px #7DB1D8; box-shadow:4px 4px 4px  
4px #7DB1D8 }
```

Background

The CSS property to change the background color of an element to Hex 7DB1D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DB1D8 }
```

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

```
.background{ background-color:#7DB1D8 }
```

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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