

Converting Colors

Hex(7DB1D9)

Have a look what the booklet for
Hex(7DB1D9) contains.

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Color

Hex(7DB1D9)

Conversions

Conversions Part 1

Format	Color
Hex	7DB1D9
RGB	125, 177, 217
RGB Percent	49%, 69%, 85%
CMY	0.5098, 0.3059, 0.1490
CMYK	0.42, 0.18, 0.00, 0.15
HSL	206°, 55%, 67%
HSV	206°, 42%, 85%
XYZ	36.7040, 40.8140, 71.5890
YIQ	166.0120, -43.8320, 1.4160

Conversions

Conversions Part 2

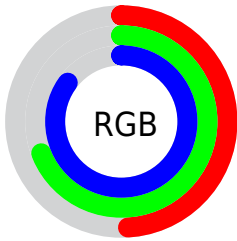
Format	Color
RYB	125, 158, 217
Decimal	8237529
CIELab	70.05, -6.78, -25.56
CIELCh	70, 26.440, 255.144
Yxy	40.8140, 0.2462, 0.2737
Android (android.graphics.Color)	4286427609 (0xFF7DB1D9)
YUV	166.0120, 25.1371, -35.9675
Hunter-Lab	63.8858, -9.2476, -21.7189

Details

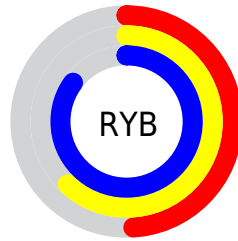
The Hex color **7DB1D9** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **D9A57D**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **B5E9FF**, and **467DA2** is the 20% darker color. If you saturate the color by 10%, you get **67A8D9**, and if you desaturate by 10%, it is **93BAD9**.

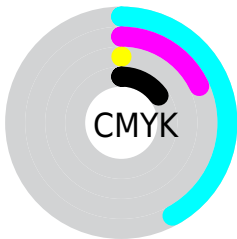
Distribution



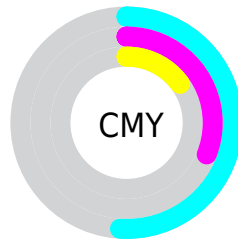
- Red (49%)
- Green (69%)
- Blue (85%)



- 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 7DB1D9 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 7DB1D9 by changing the saturation by 10% instead.

 7DB1D9

 7DB1D9

FFFFFF

 6296BD

 B5E9FF

 467DA2

 D2FFFF

 296488

 EFFFFFF

 004C6E

 003556

 00203E

 000328

 000112

 000000

 7DB1D9

 7DB1D9

 67A8D9

 93BAD9

 529ED9

 A8C4D9

 3C95D9

 BECDD9

 268BD9

 D4D7D9

 1082D9

 EAE0D9

 007BD9

 FFEAD9

 FFF3D9

 FFFCD9

 FFFFD9

Harmonies

Analogous

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



66B6CC



7DB1D9



9FA9D9

Triad

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



7DB1D9



DC9AA0



95B489

Complementary

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



7DB1D9



D9A57D

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.



B0AE7D



7DB1D9



D79E8A

Square

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



7DB1D9



D39BB8



C7A67D



7AB89E

Rectangle

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



7DB1D9



B4A4D2



C7A67D



9EB283

Sweetspot

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



7DB1D9



DEF1FF



7DD9A5



6B7780



000000



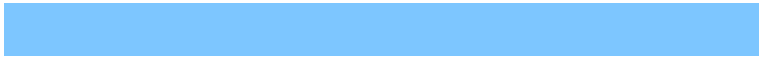
808080

Same Dimension

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



7DB1D9



7DC6FF



7D83D9



63696E



0062AD



001A2E

Inverse Universe

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



D97DB1



FF7DC6



D9D37D



6E6369



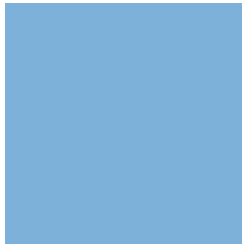
AD0062



2E001A

Previews

White Background



This preview shows how the Hex color 7DB1D9 looks on a white background.

Color Contrast Check

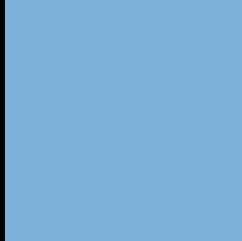
Large Text (above 18pt) WCAG AA × Fail

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 7DB1D9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

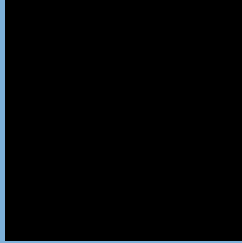
Any Text WCAG AA ✓ Pass

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 7DB1D9 Background



This preview shows how black text looks on a background with the Hex color 7DB1D9.

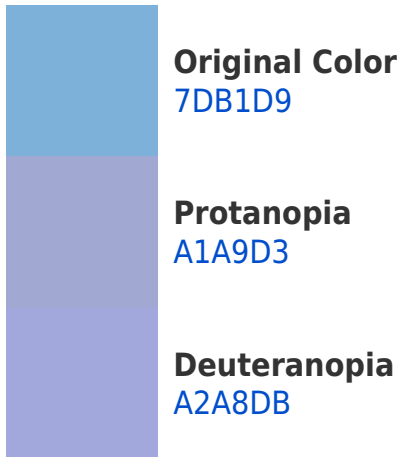


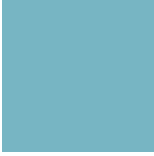
This preview shows how white text looks on a background with the Hex color 7DB1D9.

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](#).

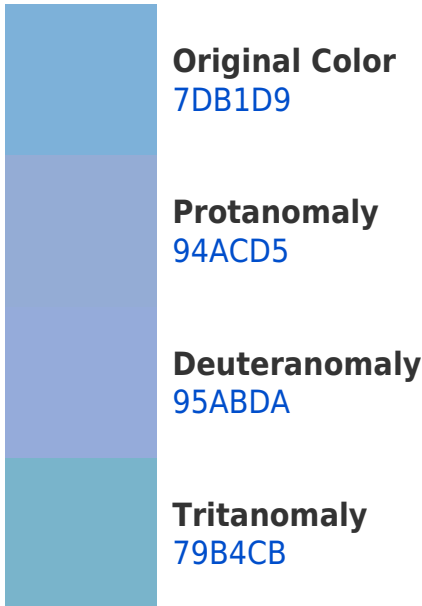
Dichromacy



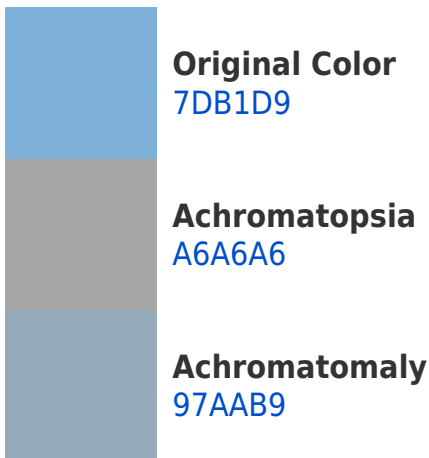


Tritanopia
77B5C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7DB1D9 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 #7DB1D9 looks like.

```
.text, #text, p{  
    color:#7DB1D9  
}
```

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 #7DB1D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DB1D9
}
```

Border

The CSS property to change the border of an element to Hex 7DB1D9 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
#7DB1D9 }
```

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

```
.border{ border-color:#7DB1D9 }
```

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

Here you see how a box with a 4 pixel #7DB1D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DB1D9; -webkit-box-shadow:4px 4px  
4px 4px #7DB1D9; box-shadow:4px 4px 4px  
4px #7DB1D9 }
```

Background

The CSS property to change the background color of an element to Hex 7DB1D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DB1D9 }
```

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

```
.background{ background-color:#7DB1D9 }
```

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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