

Converting Colors

Hex(16B7DB)

Have a look what the booklet for
Hex(16B7DB) contains.

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Color

Hex(16B7DB)

Conversions

Conversions Part 1

Format	Color
Hex	16B7DB
RGB	22, 183, 219
RGB Percent	9%, 72%, 86%
CMY	0.9137, 0.2824, 0.1412
CMYK	0.90, 0.16, 0.00, 0.14
HSL	191°, 82%, 47%
HSV	191°, 90%, 86%
XYZ	30.0505, 39.1520, 72.9911
YIQ	138.9650, -107.5120, -22.9360

Conversions

Conversions Part 2

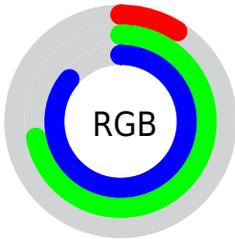
Format	Color
R _Y B	22, 111, 219
Decimal	1488859
CIE Lab	68.86, -25.16, -28.73
CIE LCh	69, 38.185, 228.789
Yxy	39.1520, 0.2113, 0.2753
Android (android.graphics.Color)	4279678939 (0xFF16B7DB)
YUV	138.9650, 39.4573, -102.5783
Hunter-Lab	62.5716, -23.7741, -25.3630

Details

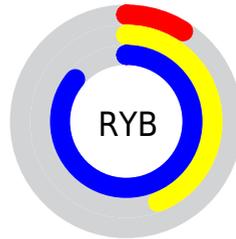
The Hex color **16B7DB** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **DB3A16**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **6EEFFF**, and **0082A4** is the 20% darker color. If you saturate the color by 10%, you get **00B3DB**, and if you desaturate by 10%, it is **2CBBDB**.

Distribution



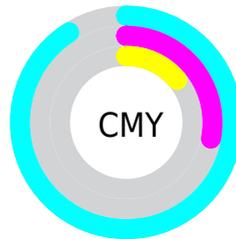
- Red (9%)
- Green (72%)
- Blue (86%)



- Red (9%)
- Yellow (44%)
- Blue (86%)



- Cyan (90%)
- Magenta (16%)
- Yellow (0%)
- Black (14%)



- Cyan (91%)
- Magenta (28%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 16B7DB 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 16B7DB by changing the saturation by 10% instead.

 16B7DB

 16B7DB

FFFFFF

 009CBF

 6EEFFF

 0082A4

 8FFFFFF

 00688A

 AEFFFF

 005070

 CDFFFF

 003957

 EDFFFF

 002440

 00032A

 000114

 000000

■ 16B7DB

■ 16B7DB

■ 00B3DB

■ 2CBDBD

■ 42BFDB

■ 58C3DB

■ 6EC7DB

■ 84CBDB

■ 99CFDB

■ AFD3DB

■ C5D7DB

■ DBDBDB

Harmonies

Analogous

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



19BABD



16B7DB



5EAFEB

Triad

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



16B7DB



E38EB6



A9AD65

Complementary

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



16B7DB



DB3A16

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.



CAA164



16B7DB



EC8E93

Square

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



16B7DB



C797D6



E29675



81B579

Rectangle

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



16B7DB



86A8EC



E29675



B5A963

Sweetspot

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



16B7DB



BAF2FF



16DB37



577880



000000



808080

Same Dimension

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



16B7DB



00D0FF



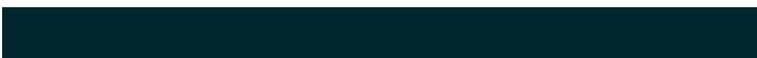
1658DB



636C6E



008EAD



00262E

Inverse Universe

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



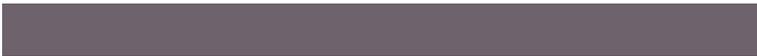
DB16B7



FF00D0



DB9916



6E636C



AD008E



2E0026

Previews

White Background



This preview shows how the Hex color 16B7DB looks on a white background.

Color Contrast Check

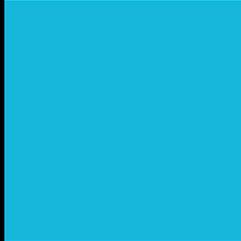
Large Text (above 18pt) WCAG AA × Fail

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 16B7DB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

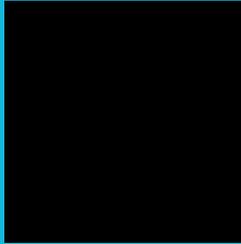
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

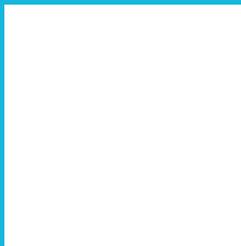
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 16B7DB Background



This preview shows how black text looks on a background with the Hex color 16B7DB.

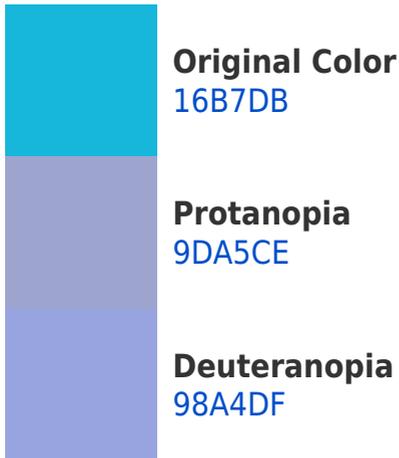


This preview shows how white text looks on a background with the Hex color 16B7DB.

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](#).

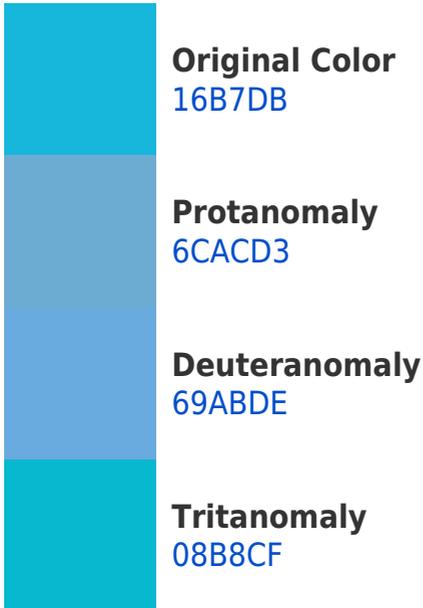
Dichromacy



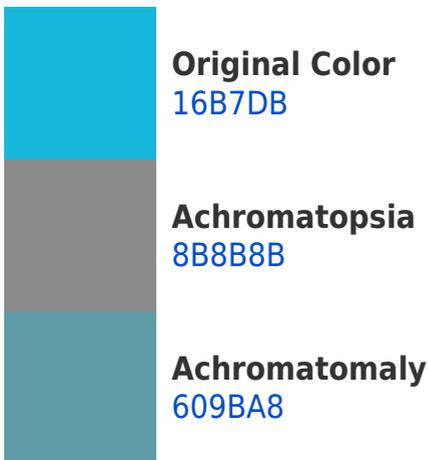


Tritanopia
00B9C8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 16B7DB 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 #16B7DB looks like.

```
.text, #text, p{  
    color:#16B7DB  
}
```

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 #16B7DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #16B7DB  
}
```

Border

The CSS property to change the border of an element to Hex 16B7DB 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  
#16B7DB }
```

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

```
.border{ border-color:#16B7DB }
```

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

Here you see how a box with a 4 pixel #16B7DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #16B7DB; -webkit-box-shadow:4px 4px  
4px 4px #16B7DB; box-shadow:4px 4px 4px  
4px #16B7DB }
```

Background

The CSS property to change the background color of an element to Hex 16B7DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#16B7DB }
```

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

```
.background{ background-color:#16B7DB }
```

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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