

Converting Colors

Hex(16C9DD)

Have a look what the booklet for
Hex(16C9DD) contains.

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Color

Hex(16C9DD)

Conversions

Conversions Part 1

Format	Color
Hex	16C9DD
RGB	22, 201, 221
RGB Percent	9%, 79%, 87%
CMY	0.9137, 0.2118, 0.1333
CMYK	0.90, 0.09, 0.00, 0.13
HSL	186°, 82%, 48%
HSV	186°, 90%, 87%
XYZ	34.2687, 47.1643, 75.7041
YIQ	149.7590, -113.1040, -31.7280

Conversions

Conversions Part 2

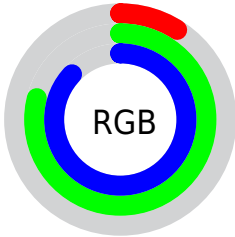
Format	Color
R _Y B	22, 116, 221
Decimal	1493469
CIE Lab	74.29, -33.33, -21.50
CIE LCh	74, 39.665, 212.822
Yxy	47.1643, 0.2181, 0.3001
Android (android.graphics.Color)	4279683549 (0xFF16C9DD)
YUV	149.7590, 35.1218, -112.0446
Hunter-Lab	68.6763, -31.1141, -17.2839

Details

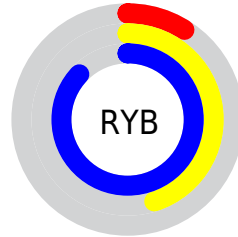
The Hex color **16C9DD** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **DD2A16**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **71FFFF**, and **0092A6** is the 20% darker color. If you saturate the color by 10%, you get **00C7DD**, and if you desaturate by 10%, it is **2CCBDD**.

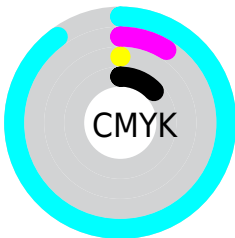
Distribution



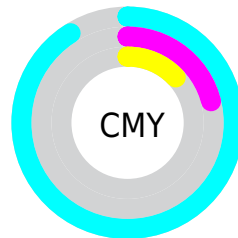
- Red (9%)
- Green (79%)
- Blue (87%)



- Red (9%)
- Yellow (45%)
- Blue (87%)



- Cyan (90%)
- Magenta (9%)
- Yellow (0%)
- Black (13%)



- Cyan (91%)
- Magenta (21%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 16C9DD 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 16C9DD by changing the saturation by 10% instead.

 16C9DD

 16C9DD

FFFFFF

 00ADC1

 71FFFF

 0092A6

 92FFFF

 00788C

 B2FFFF

 005F72


 D1FFFF

 004759

 F0FFFF

 002F42

 00192C

 000117

 000000

■ 16C9DD

■ 16C9DD

■ 00C7DD

■ 2CCBDD

■ 42CDDD

■ 58D0DD

■ 6ED2DD

■ 84D4DD

■ 9BD6DD

■ B1D9DD

■ C7DBDD

■ DDDDDD

Harmonies

Analogous

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



46CAB9



16C9DD



46C3F7

Triad

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



16C9DD



E8A0D9



CBB66D

Complementary

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



16C9DD



DD2A16

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.



EAA977



16C9DD



FC9AB5

Square

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



16C9DD



BFACF4



FC9E91



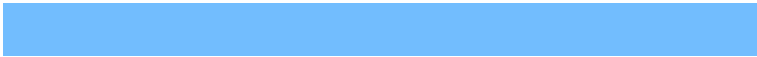
A5C078

Rectangle

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



16C9DD



72BDFE



FC9E91



D7B26E

Sweetspot

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



16C9DD



BAF8FF



16DD2A



577B80



000000



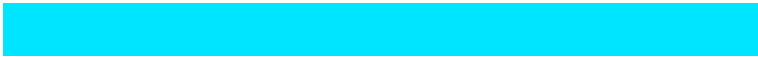
808080

Same Dimension

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



16C9DD



00E5FF



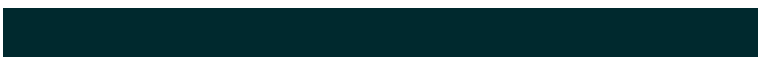
1666DD



636D6E



009CAD



00292E

Inverse Universe

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



DD16C9



FF00E5



DD8D16



6E636D



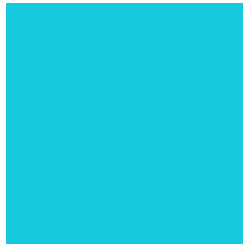
AD009C



2E0029

Previews

White Background



This preview shows how the Hex color 16C9DD looks on a white background.

Color Contrast Check

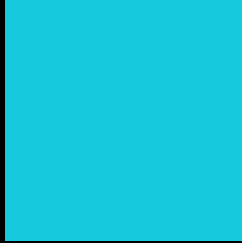
Large Text (above 18pt) WCAG AA × Fail

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 16C9DD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

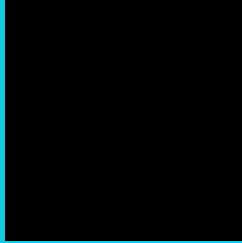
Any Text WCAG AA ✓ Pass

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 16C9DD Background



This preview shows how black text looks on a background with the Hex color 16C9DD.

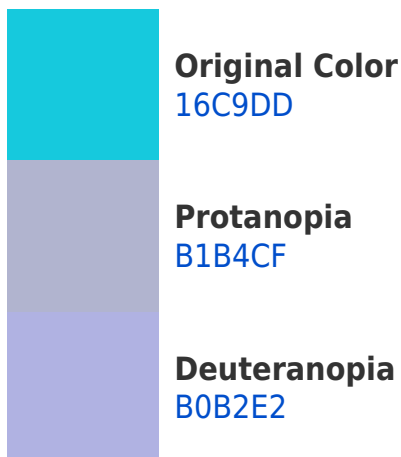


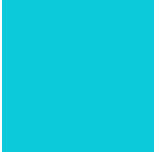
This preview shows how white text looks on a background with the Hex color 16C9DD.

Color Blindness Simulation

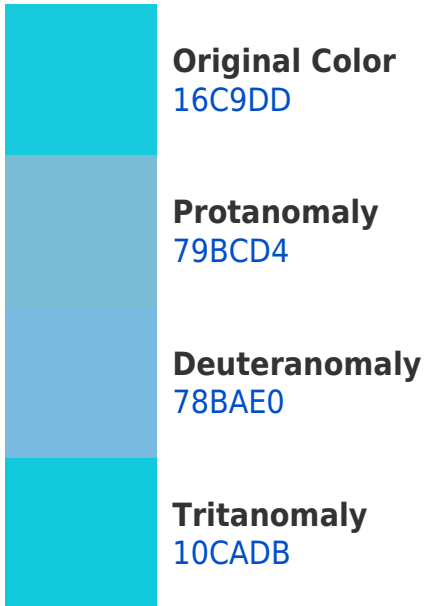
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 16C9DD 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 #16C9DD looks like.

```
.text, #text, p{  
  color:#16C9DD  
}
```

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 #16C9DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #16C9DD
}
```

Border

The CSS property to change the border of an element to Hex 16C9DD 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
#16C9DD }
```

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

```
.border{ border-color:#16C9DD }
```

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

Here you see how a box with a 4 pixel #16C9DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #16C9DD; -webkit-box-shadow:4px 4px  
4px 4px #16C9DD; box-shadow:4px 4px 4px  
4px #16C9DD }
```

Background

The CSS property to change the background color of an element to Hex 16C9DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#16C9DD }
```

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

```
.background{ background-color:#16C9DD }
```

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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