

Converting Colors

Hex(16D0DF)

Have a look what the booklet for
Hex(16D0DF) contains.

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Color

Hex(16D0DF)

Conversions

Conversions Part 1

Format	Color
Hex	16D0DF
RGB	22, 208, 223
RGB Percent	9%, 82%, 87%
CMY	0.9137, 0.1843, 0.1255
CMYK	0.90, 0.07, 0.00, 0.13
HSL	184°, 82%, 48%
HSV	184°, 90%, 87%
XYZ	36.2060, 50.6100, 77.6725
YIQ	154.0960, -115.6710, -34.7670

Conversions

Conversions Part 2

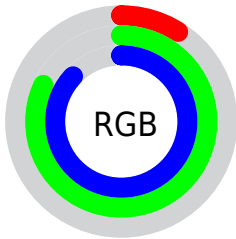
Format	Color
RYB	22, 119, 223
Decimal	1495263
CIELab	76.44, -36.01, -19.32
CIELCh	76, 40.861, 208.218
Yxy	50.6100, 0.2201, 0.3077
Android (android.graphics.Color)	4279685343 (0xFF16D0DF)
YUV	154.0960, 33.9697, -115.8482
Hunter-Lab	71.1407, -33.6513, -14.9352

Details

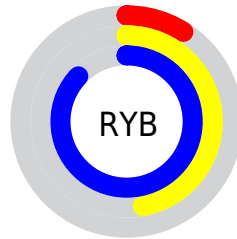
The Hex color **16D0DF** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **DF2516**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **72FFFF**, and **0099A8** is the 20% darker color. If you saturate the color by 10%, you get **00CEDF**, and if you desaturate by 10%, it is **2CD2DF**.

Distribution



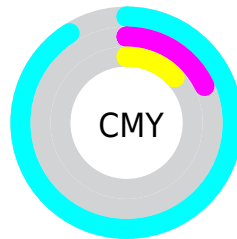
- Red (9%)
- Green (82%)
- Blue (87%)



- Red (9%)
- Yellow (47%)
- Blue (87%)



- Cyan (90%)
- Magenta (7%)
- Yellow (0%)
- Black (13%)



- Cyan (91%)
- Magenta (18%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 16D0DF 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 16D0DF by changing the saturation by 10% instead.

 16D0DF

 16D0DF

FFFFFF

 00B4C3

 72FFFF

 0099A8

 93FFFF

 007F8D

 B3FFFF

 006574

 D3FFFF

 004C5B

 F2FFFF

 003544

 00202D

 000119

 000000

 16D0DF

 16D0DF

 00CEDF

 2CD2DF

 43D3DF

 59D5DF

 6FD7DF

 86D8DF

 9CDADF

 B2DCDF

 C8DDDF

 DFDFFF

Harmonies

Analogous

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



50D1B9



16D0DF



3CCBFC

Triad

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



16D0DF



EAA7E5



D7BA70

Complementary

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



16D0DF



DF2516

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.



F5AC7D



16D0DF



FF9FC0

Square

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



16D0DF



BEB4FF



FFA29B



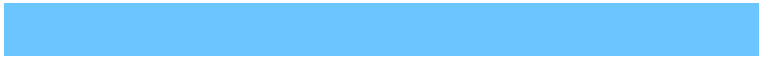
B1C579

Rectangle

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



16D0DF



6BC5FF



FFA29B



E3B573

Sweetspot

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



16D0DF



BAFAFF



16DF23



577C80



000000



808080

Same Dimension

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



16D0DF



00ECFF



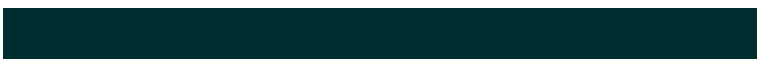
166DDF



656F70



00A3B0



002D30

Inverse Universe

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



DF16D0



FF00EC



DF8816



70656F



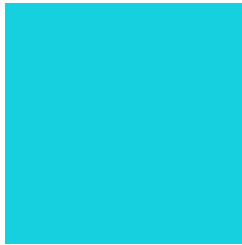
B000A3



30002D

Previews

White Background



This preview shows how the Hex color 16D0DF looks on a white background.

Color Contrast Check

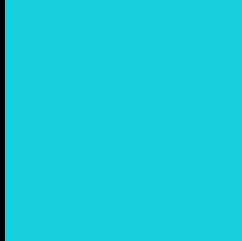
Large Text (above 18pt) WCAG AA × Fail

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 16D0DF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

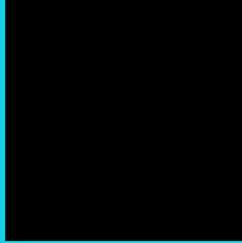
Any Text WCAG AA ✓ Pass

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 16D0DF Background



This preview shows how black text looks on a background with the Hex color 16D0DF.

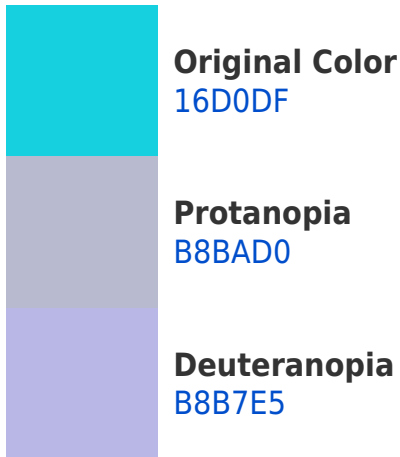


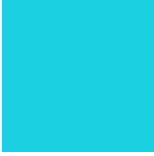
This preview shows how white text looks on a background with the Hex color 16D0DF.

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



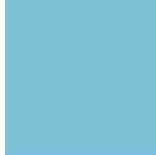


Tritanopia
1AD0E1

Trichromacy



Original Color
16D0DF



Protanomaly
7DC2D5



Deuteranomaly
7DC0E3



Tritanomaly
19D0E0

Monochromacy



Original Color
16D0DF



Achromatopsia
9A9A9A



Achromatomaly
6AAEB3

CSS Examples

Text

The CSS property to change the color of the text to Hex 16D0DF 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 #16D0DF looks like.

```
.text, #text, p{  
    color:#16D0DF  
}
```

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 #16D0DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #16D0DF
}
```

Border

The CSS property to change the border of an element to Hex 16D0DF 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
#16D0DF }
```

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

```
.border{ border-color:#16D0DF }
```

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

Here you see how a box with a 4 pixel #16D0DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #16D0DF; -webkit-box-shadow:4px 4px  
4px 4px #16D0DF; box-shadow:4px 4px 4px  
4px #16D0DF }
```

Background

The CSS property to change the background color of an element to Hex 16D0DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#16D0DF }
```

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

```
.background{ background-color:#16D0DF }
```

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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