

Converting Colors

Hex(16B3DF)

Have a look what the booklet for
Hex(16B3DF) contains.

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Color

Hex(16B3DF)

Conversions

Conversions Part 1

Format	Color
Hex	16B3DF
RGB	22, 179, 223
RGB Percent	9%, 70%, 87%
CMY	0.9137, 0.2980, 0.1255
CMYK	0.90, 0.20, 0.00, 0.13
HSL	193°, 82%, 48%
HSV	193°, 90%, 87%
XYZ	29.7703, 37.7385, 75.5272
YIQ	137.0730, -107.6960, -19.6000

Conversions

Conversions Part 2

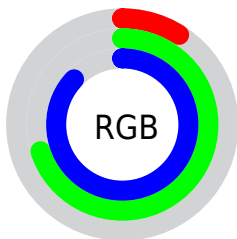
Format	Color
R _Y B	22, 110, 223
Decimal	1487839
CIE Lab	67.83, -21.76, -32.51
CIE LCh	68, 39.125, 236.202
Yxy	37.7385, 0.2081, 0.2638
Android (android.graphics.Color)	4279677919 (0xFF16B3DF)
YUV	137.0730, 42.3620, -100.9190
Hunter-Lab	61.4317, -21.0029, -29.8920

Details

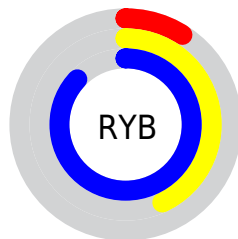
The Hex color **16B3DF** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle washed azure. A complement of this color would be **DF4216**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **6EEBFF**, and **007EA8** is the 20% darker color. If you saturate the color by 10%, you get **00AEDF**, and if you desaturate by 10%, it is **2CB8DF**.

Distribution



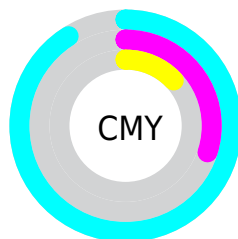
- Red (9%)
- Green (70%)
- Blue (87%)



- Red (9%)
- Yellow (43%)
- Blue (87%)



- Cyan (90%)
- Magenta (20%)
- Yellow (0%)
- Black (13%)



- Cyan (91%)
- Magenta (30%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 16B3DF 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 16B3DF by changing the saturation by 10% instead.

 16B3DF

 16B3DF

FFFFFF

 0098C3

 6EEBFF

 007EA8

 8FFFFFF

 00658D

 AFFFFFF

 004D73

 CEFFFF

 00365B

 EDFFFF

 002243

 00032D

 000117

 000000

■ 16B3DF

■ 16B3DF

■ 00AEDF

■ 2CB8DF

■ 43BDDF

■ 59C2DF

■ 6FC7DF

■ 86CBDF

■ 9CD0DF

■ B2D5DF

■ C8DADF

■ DFDfdf

Harmonies

Analogous

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



00B7C3



16B3DF



68AAEB

Triad

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



16B3DF



E58AAB



9CAD64

Complementary

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



16B3DF



DF4216

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.



C0A25E



16B3DF



E98C88

Square

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



16B3DF



CD91CD



DB956C



73B47D

Rectangle

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



16B3DF



91A2E9



DB956C



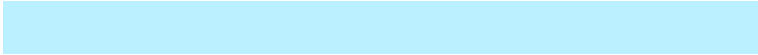
A9A960

Sweetspot

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



16B3DF



BAF0FF



16DF42



577780



000000



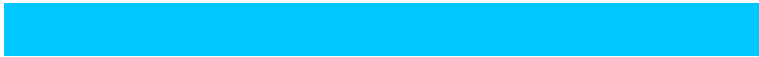
808080

Same Dimension

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



16B3DF



00C7FF



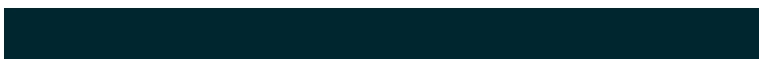
164FDF



656E70



0089B0



002630

Inverse Universe

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



DF16B3



FF00C7



DFA616



70656E



B00089



300026

Previews

White Background



This preview shows how the Hex color 16B3DF looks on a white background.

Color Contrast Check

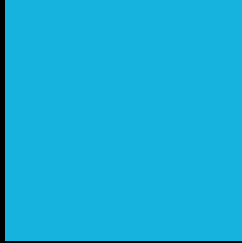
Large Text (above 18pt) WCAG AA × Fail

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 16B3DF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

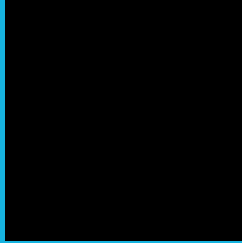
Any Text WCAG AA ✓ Pass

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 16B3DF Background



This preview shows how black text looks on a background with the Hex color 16B3DF.

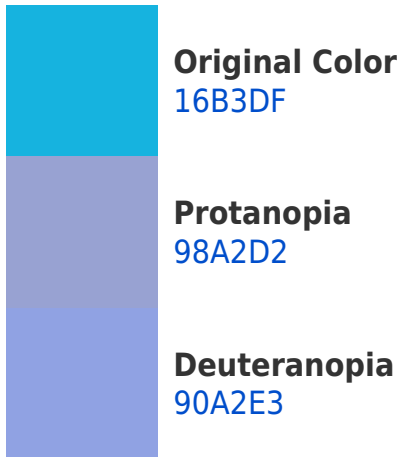


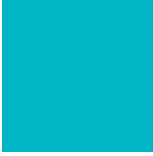
This preview shows how white text looks on a background with the Hex color 16B3DF.

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
00B6C5

Trichromacy



Original Color
16B3DF



Protanomaly
69A8D7



Deuteranomaly
64A8E2



Tritanomaly
08B5CE

Monochromacy



Original Color
16B3DF



Achromatopsia
898989



Achromatomaly
5F98A8

CSS Examples

Text

The CSS property to change the color of the text to Hex 16B3DF 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 #16B3DF looks like.

```
.text, #text, p{  
    color:#16B3DF  
}
```

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 #16B3DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #16B3DF
}
```

Border

The CSS property to change the border of an element to Hex 16B3DF 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
#16B3DF }
```

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

```
.border{ border-color:#16B3DF }
```

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

Here you see how a box with a 4 pixel #16B3DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #16B3DF; -webkit-box-shadow:4px 4px  
4px 4px #16B3DF; box-shadow:4px 4px 4px  
4px #16B3DF }
```

Background

The CSS property to change the background color of an element to Hex 16B3DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#16B3DF }
```

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

```
.background{ background-color:#16B3DF }
```

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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