

Converting Colors

Hex(1DBAEF)

Have a look what the booklet for
Hex(1DBAEF) contains.

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Color

Hex(1DBAEF)

Conversions

Conversions Part 1

Format	Color
Hex	1DBAEF
RGB	29, 186, 239
RGB Percent	11%, 73%, 94%
CMY	0.8863, 0.2706, 0.0627
CMYK	0.88, 0.22, 0.00, 0.06
HSL	195°, 87%, 53%
HSV	195°, 88%, 94%
XYZ	33.6456, 41.6110, 87.9198
YIQ	145.0990, -110.5850, -16.8010

Conversions

Conversions Part 2

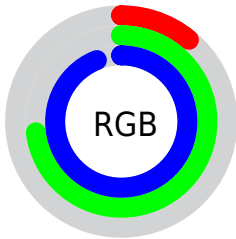
Format	Color
R_{YB}	29, 119, 239
Decimal	1948399
CIE _{Lab}	70.60, -19.59, -36.93
CIE _{LCh}	71, 41.799, 242.059
Yxy	41.6110, 0.2062, 0.2550
Android (android.graphics.Color)	4280138479 (0xFF1DBAEF)
YUV	145.0990, 46.2932, -101.8188
Hunter-Lab	64.5066, -19.7839, -35.6551

Details

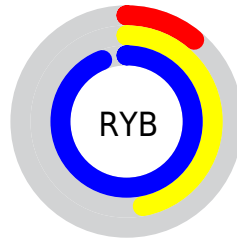
The Hex color **1DBAEF** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle washed azure. A complement of this color would be **EF521D**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **74F2FF**, and **0085B7** is the 20% darker color. If you saturate the color by 10%, you get **05B4EF**, and if you desaturate by 10%, it is **35C0EF**.

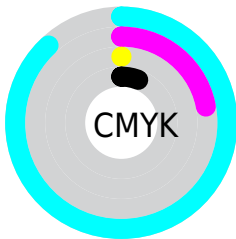
Distribution



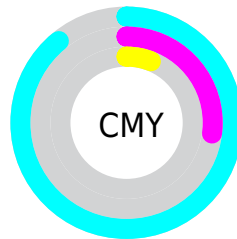
- Red (11%)
- Green (73%)
- Blue (94%)



- Red (11%)
- Yellow (47%)
- Blue (94%)



- Cyan (88%)
- Magenta (22%)
- Yellow (0%)
- Black (6%)



- Cyan (89%)
- Magenta (27%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1DBAEF 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 1DBAEF by changing the saturation by 10% instead.

 1DBAEF

 1DBAEF

FFFFFF

 009FD3

 74F2FF

 0085B7

 95FFFF

 006B9C

 B5FFFF

 005381

 D4FFFF

 003C68

 F4FFFF

 002650

 000939

 000222

 000008

■ 1DBAEF

■ 1DBAEF

■ 05B4EF

■ 35C0EF

■ 00B3EF

■ 4DC6EF

■ 65CCEF

■ 7DD2EF

■ 94D8EF

■ ACDEEF

■ C4E4EF

■ DCEAEF

■ F4F0EF

Harmonies

Analogous

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



00C0D4



1DBAEF



77B0F8

Triad

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



1DBAEF



F48EAC



9BB66B

Complementary

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



1DBAEF



EF521D

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.



C2AB60



1DBAEF



F49286

Square

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



1DBAEF



DF95D1



E29E6A



6CBE88

Rectangle

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



1DBAEF



A2A7F3



E29E6A



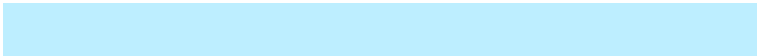
A9B365

Sweetspot

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



1DBAEF



BDEEFF



1DEF52



587680



000000



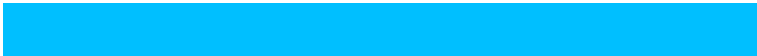
808080

Same Dimension

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



1DBAEF



00BFFF



1D52EF



6C7578



0089B8



002A38

Inverse Universe

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



EF1DBA



FF00BF



EFBB1D



786C75



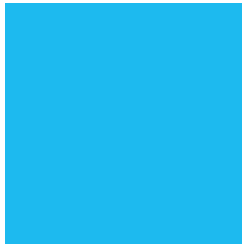
B80089



38002A

Previews

White Background



This preview shows how the Hex color 1DBAEF looks on a white background.

Color Contrast Check

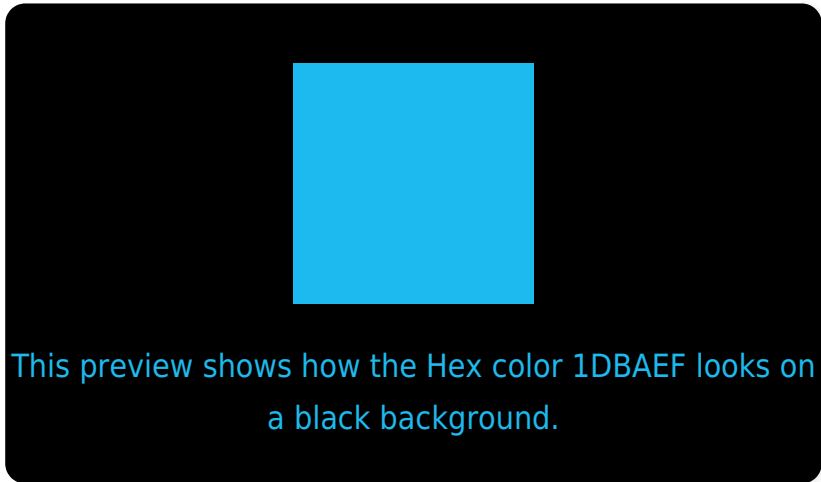
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 1DBAEF Background



This preview shows how black text looks on a background with the Hex color 1DBAEF.

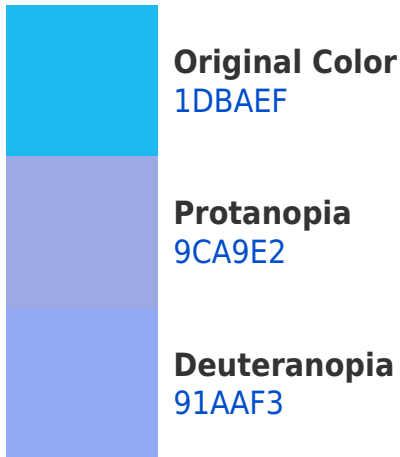


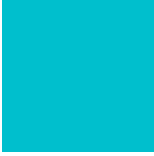
This preview shows how white text looks on a background with the Hex color 1DBAEF.

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](#).

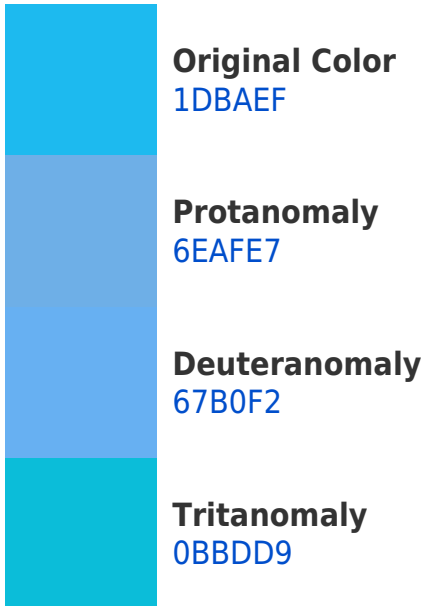
Dichromacy



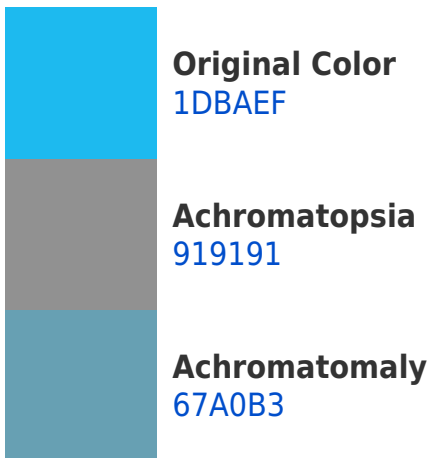


Tritanopia
00BFCD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1DBAEF 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 #1DBAEF looks like.

```
.text, #text, p{  
    color:#1DBAEF  
}
```

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 #1DBAEF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1DBAEF
}
```

Border

The CSS property to change the border of an element to Hex 1DBAEF 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
#1DBAEF }
```

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

```
.border{ border-color:#1DBAEF }
```

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

Here you see how a box with a 4 pixel #1DBAEF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1DBAEF; -webkit-box-shadow:4px 4px  
4px 4px #1DBAEF; box-shadow:4px 4px 4px  
4px #1DBAEF }
```

Background

The CSS property to change the background color of an element to Hex 1DBAEF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1DBAEF }
```

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

```
.background{ background-color:#1DBAEF }
```

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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