

Converting Colors

Hex(33B1DD)

Have a look what the booklet for
Hex(33B1DD) contains.

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Color

Hex(33B1DD)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 33B1DD |
| RGB | 51, 177, 221 |
| RGB Percent | 20%, 69%, 87% |
| CMY | 0.8000, 0.3059, 0.1333 |
| CMYK | 0.77, 0.20, 0.00, 0.13 |
| HSL | 196°, 71%, 53% |
| HSV | 196°, 77%, 87% |
| XYZ | 30.1385, 37.3685, 74.0310 |
| YIQ | 144.3420, -89.2200, -13.0280 |

Conversions

Conversions Part 2

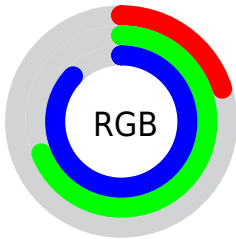
| Format | Color |
|-------------------------------------|--|
| RYB | 51, 123, 221 |
| Decimal | 3387869 |
| CIELab | 67.55, -19.18, -31.81 |
| CIELCh | 68, 37.147, 238.905 |
| Yxy | 37.3685, 0.2129, 0.2640 |
| Android (android.graphics.Color) | 4281577949 (0xFF33B1DD) |
| YUV | 144.3420, 37.7924, -81.8609 |
| Hunter-Lab | 61.1298, -18.9722, -29.0120 |

Details

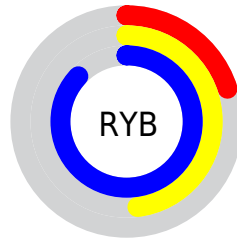
The Hex color **33B1DD** is a light color, and the websafe version is hex **0099CC**. The color can be described as light muted azure. A complement of this color would be **DD5F33**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **7AE9FF**, and **007CA6** is the 20% darker color. If you saturate the color by 10%, you get **1DABDD**, and if you desaturate by 10%, it is **49B7DD**.

Distribution



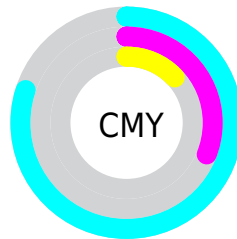
- Red (20%)
- Green (69%)
- Blue (87%)



- Red (20%)
- Yellow (48%)
- Blue (87%)



- Cyan (77%)
- Magenta (20%)
- Yellow (0%)
- Black (13%)



- Cyan (80%)
- Magenta (31%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 33B1DD 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 33B1DD by changing the saturation by 10% instead.

 33B1DD

 33B1DD

FFFFFF

 0096C1

 7AE9FF

 007CA6

 99FFFF

 00638B

 B8FFFF

 004B72

 D7FFFF

 003459

 F6FFFF

 002041

 00032B

 000115

 000000

■ 33B1DD

■ 33B1DD

■ 1DABDD

■ 49B7DD

■ 07A6DD

■ 5FBCDD

■ 00A4DD

■ 75C2DD

■ 8BC8DD

■ A1CEDD

■ B8D3DD

■ CED9DD

■ E4DFDD

■ FAE4DD

Harmonies

Analogous

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



0BB6C4



33B1DD



71A8E7

Triad

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



33B1DD



E38AA7



99AC69

Complementary

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



33B1DD



DD5F33

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.



BCA261



33B1DD



E58D86

Square

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



33B1DD



CE91C8



D6966C



71B381

Rectangle

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



33B1DD



96A0E4



D6966C



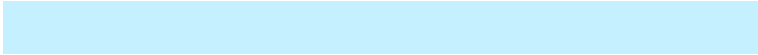
A5A964

Sweetspot

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



33B1DD



C4FOFF



33DD5D



5C7680



000000



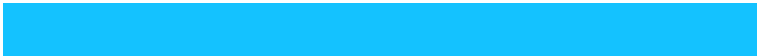
808080

Same Dimension

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



33B1DD



14C2FF



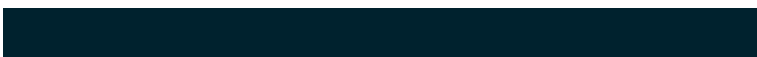
335DDD



636B6E



0081AD



00222E

Inverse Universe

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



DD33B1



FF14C2



DDB333



6E636B



AD0081



2E0022

Previews

White Background



This preview shows how the Hex color 33B1DD looks on a white background.

Color Contrast Check

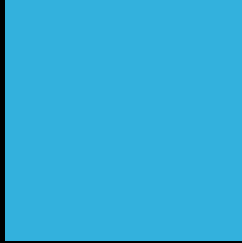
Large Text (above 18pt) WCAG AA × Fail

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 33B1DD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

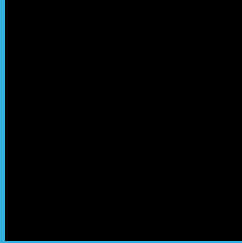
Any Text WCAG AA ✓ Pass

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 33B1DD Background



This preview shows how black text looks on a background with the Hex color 33B1DD.

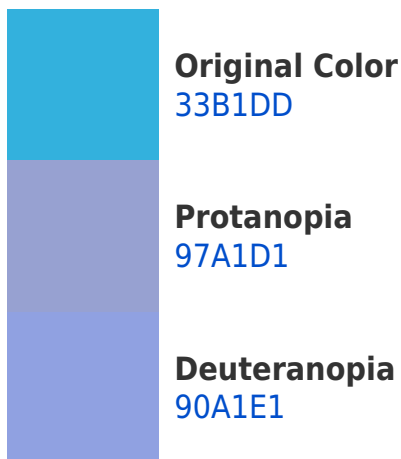


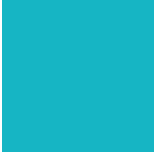
This preview shows how white text looks on a background with the Hex color 33B1DD.

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](#).

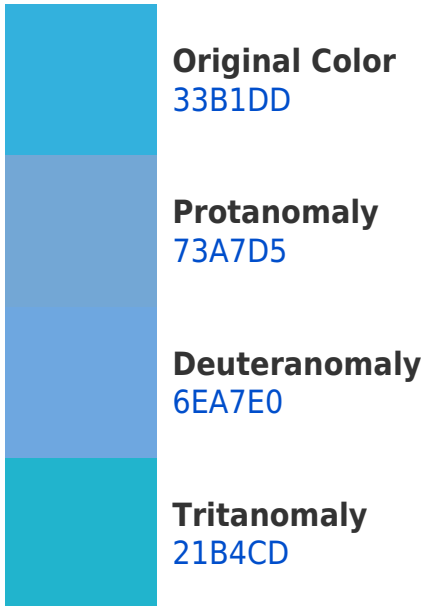
Dichromacy



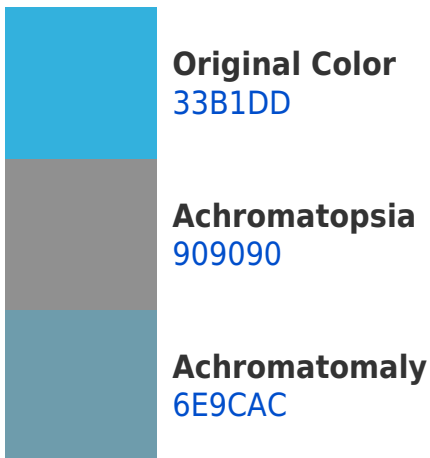


Tritanopia
16B5C4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 33B1DD 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 #33B1DD looks like.

```
.text, #text, p{  
    color:#33B1DD  
}
```

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 #33B1DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33B1DD
}
```

Border

The CSS property to change the border of an element to Hex 33B1DD 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
#33B1DD }
```

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

```
.border{ border-color:#33B1DD }
```

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

Here you see how a box with a 4 pixel #33B1DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33B1DD; -webkit-box-shadow:4px 4px  
4px 4px #33B1DD; box-shadow:4px 4px 4px  
4px #33B1DD }
```

Background

The CSS property to change the background color of an element to Hex 33B1DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33B1DD }
```

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

```
.background{ background-color:#33B1DD }
```

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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