

Converting Colors

Hex(33CBDF)

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

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Color

Hex(33CBDF)

Conversions

Conversions Part 1

Format	Color
Hex	33CBDF
RGB	51, 203, 223
RGB Percent	20%, 80%, 87%
CMY	0.8000, 0.2039, 0.1255
CMYK	0.77, 0.09, 0.00, 0.13
HSL	187°, 73%, 54%
HSV	187°, 77%, 87%
XYZ	36.0405, 48.7434, 77.3209
YIQ	159.8320, -97.0120, -26.0040

Conversions

Conversions Part 2

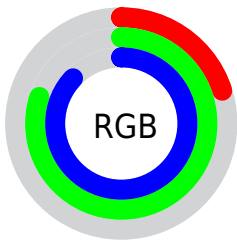
Format	Color
RYB	51, 132, 223
Decimal	3394527
CIELab	75.29, -31.60, -21.03
CIELCh	75, 37.959, 213.651
Yxy	48.7434, 0.2223, 0.3007
Android (android.graphics.Color)	4281584607 (0xFF33CBDF)
YUV	159.8320, 31.1418, -95.4457
Hunter-Lab	69.8165, -30.0341, -16.7915

Details

The Hex color **33CBDF** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **DF4733**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **7DFFFF**, and **0094A8** is the 20% darker color. If you saturate the color by 10%, you get **1DC8DF**, and if you desaturate by 10%, it is **49CEDF**.

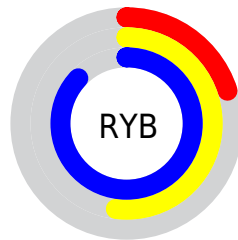
Distribution



Red (20%)

Green (80%)

Blue (87%)



Red (20%)

Yellow (52%)

Blue (87%)

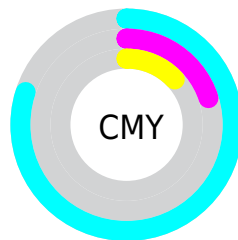


Cyan (77%)

Magenta (9%)

Yellow (0%)

Black (13%)



Cyan (80%)

Magenta (20%)

Yellow (13%)

Brightness & Saturation Gradients

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

 33CBDF

 33CBDF

FFFFFF

 00AFC3

 7DFFFF

 0094A8

 9DFFFF

 007A8D

 BCFFFF

 006174

 DBFFFF

 00495B

 FAFFFF

 003144

 001D2D

 000119

 000000

 33CBDF

 33CBDF

 1DC8DF

 49CEDF

 06C6DF

 60D0DF

 00C5DF

 76D3DF

 8CD5DF

 A3D8DF

 B9DBDF

 CFDDDF

 E5E0DF

 FCE2DF

Harmonies

Analogous

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



51CCBD



33CBDF



55C5F7

Triad

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



33CBDF



E9A3D9



CDB973

Complementary

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



33CBDF



DF4733

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.



EAAD7C



33CBDF



FC9EB6

Square

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



33CBDF



C3AFF4



FCA294



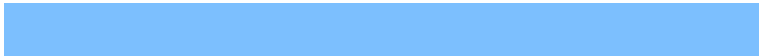
A7C37E

Rectangle

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



33CBDF



7CBFFE



FCA294



D8B574

Sweetspot

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



33CBDF



C4F8FF



33DF44



5C7B80



000000



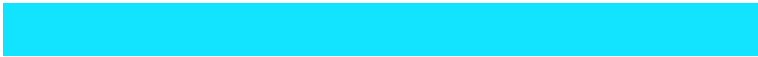
808080

Same Dimension

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



33CBDF



12E3FF



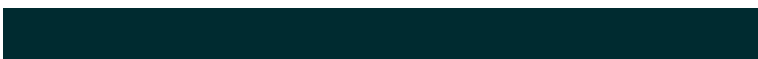
3378DF



656F70



009BB0



002B30

Inverse Universe

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



DF33CB



FF12E3



DF9A33



70656F



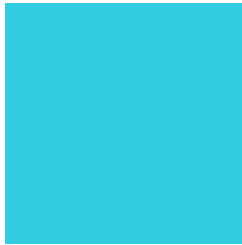
B0009B



30002B

Previews

White Background



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

Color Contrast Check

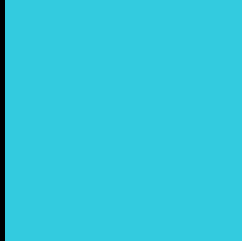
Large Text (above 18pt) WCAG AA × Fail

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 33CBDF 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 33CBDF Background



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

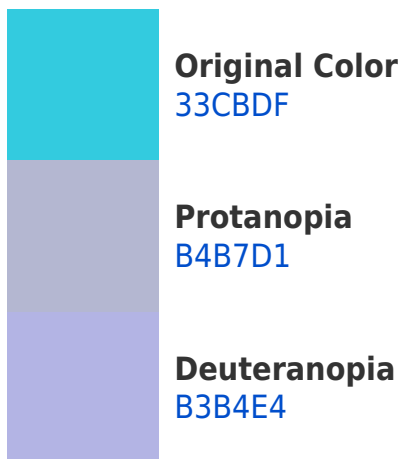


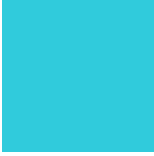
This preview shows how white text looks on a background with the Hex color 33CBDF.

Color Blindness Simulation

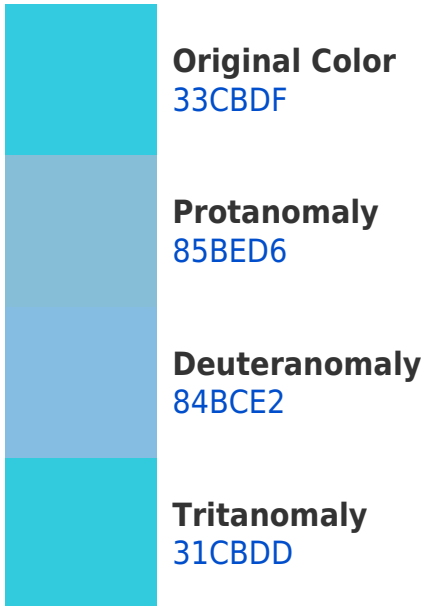
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #33CBDF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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