

Converting Colors

Hex(33CFEF)

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

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Color

Hex(33CFEF)

Conversions

Conversions Part 1

Format	Color
Hex	33CFEF
RGB	51, 207, 239
RGB Percent	20%, 81%, 94%
CMY	0.8000, 0.1882, 0.0627
CMYK	0.79, 0.13, 0.00, 0.06
HSL	190°, 85%, 57%
HSV	190°, 79%, 94%
XYZ	39.2581, 51.5614, 89.5446
YIQ	164.0040, -103.2480, -23.1200

Conversions

Conversions Part 2

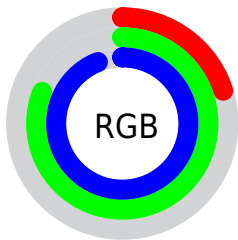
Format	Color
R _Y B	51, 136, 239
Decimal	3395567
CIE Lab	77.02, -28.58, -27.00
CIE LCh	77, 39.317, 223.380
Yxy	51.5614, 0.2177, 0.2859
Android (android.graphics.Color)	4281585647 (0xFF33CFEF)
YUV	164.0040, 36.9730, -99.1045
Hunter-Lab	71.8063, -28.0712, -23.6720

Details

The Hex color **33CFEF** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **EF5333**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **7FFFFFFF**, and **0098B7** is the 20% darker color. If you saturate the color by 10%, you get **1BCBEF**, and if you desaturate by 10%, it is **4BD3EF**.

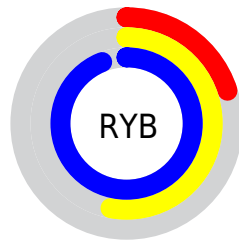
Distribution



Red (20%)

Green (81%)

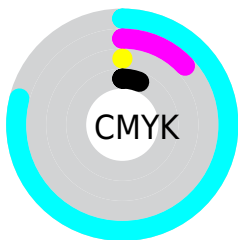
Blue (94%)



Red (20%)

Yellow (53%)

Blue (94%)

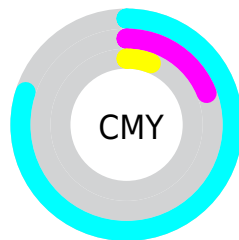


Cyan (79%)

Magenta (13%)

Yellow (0%)

Black (6%)



Cyan (80%)

Magenta (19%)

Yellow (6%)

Brightness & Saturation Gradients

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

■ 33CFEF

■ 33CFEF

FFFFFF

■ 00B3D3

■ 7FFFFFFF

■ 0098B7

■ A0FFFF

■ 007E9C

■ BFFFFFFF

■ 006582

■ DFFFFFFF

■ 004C69

FEFFFF

■ 003550

■ 002239

■ 000224

■ 00000B

 33CFEF

 33CFEF

 1BCBEF

 4BD3EF

 03C7EF

 63D7EF

 00C6EF

 7BDBEF

 93DFEF

 AAE3EF

 C2E7EF

 DAEBEF

 F2F0EF

 FFF4EF

Harmonies

Analogous

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



41D2CE



33CFEF



68C8FF

Triad

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



33CFEF



F9A5D4



C6C176

Complementary

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



33CFEF



EF5333

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.



E8B579



33CFEF



FFA2AF

Square

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



33CFEF



D7AFF3



FFA98E



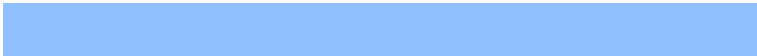
9ECB88

Rectangle

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



33CFEF



91C0FF



FFA98E



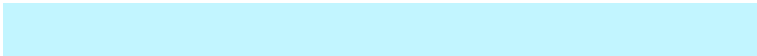
D2BD75

Sweetspot

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



33CFEF



C2F5FF



33EF52



5B7980



000000



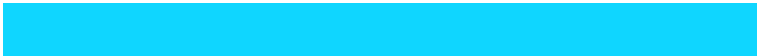
808080

Same Dimension

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



33CFEF



0FD6FF



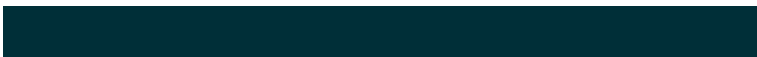
3372EF



6C7678



0098B8



002F38

Inverse Universe

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



EF33CF



FF0FD6



EFB033



786C76



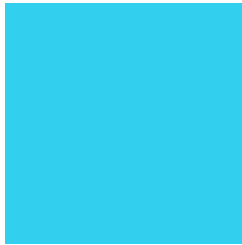
B80098



38002F

Previews

White Background



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

Color Contrast Check

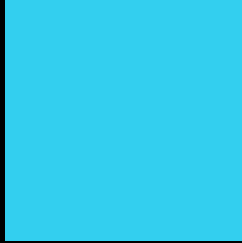
Large Text (above 18pt) WCAG AA × Fail

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 33CFEF 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 33CFEF Background



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

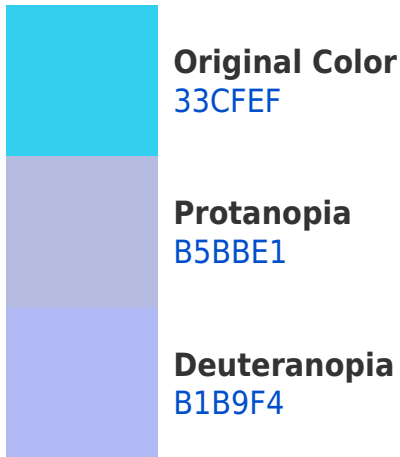


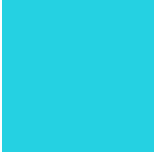
This preview shows how white text looks on a background with the Hex color 33CFEF.

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](#).

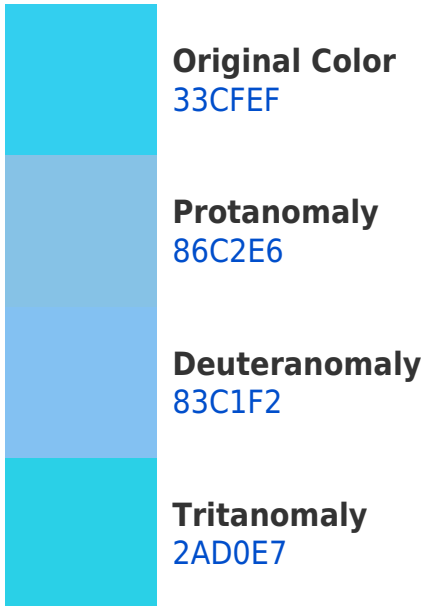
Dichromacy



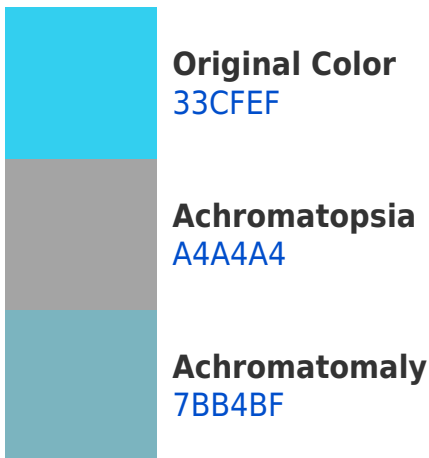


Tritanopia
25D1E2

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #33CFEF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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