

# Converting Colors

Hex(33D6FC)

Have a look what the booklet for  
Hex(33D6FC) contains.

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# **Color**

**Hex(33D6FC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	33D6FC
RGB	51, 214, 252
RGB Percent	20%, 84%, 99%
CMY	0.8000, 0.1608, 0.0118
CMYK	0.80, 0.15, 0.00, 0.01
HSL	191°, 97%, 59%
HSV	191°, 80%, 99%
XYZ	42.9825, 55.8252, 100.6054
YIQ	169.5950, -109.3460, -22.7380

# Conversions

## Conversions Part 2

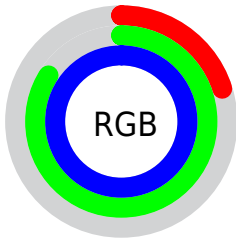
<b>Format</b>	<b>Color</b>
<b>RYB</b>	51, 141, 252
Decimal	3397372
CIELab	79.51, -27.91, -30.12
CIELCh	80, 41.065, 227.174
Yxy	55.8252, 0.2155, 0.2799
Android (android.graphics.Color)	4281587452 (0xFF33D6FC)
YUV	169.5950, 40.6257, -104.0078
Hunter-Lab	74.7163, -28.0667, -27.5325

# Details

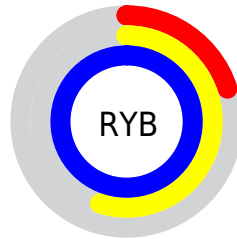
The Hex color **33D6FC** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **FC5933**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **82FFFF**, and **009FC3** is the 20% darker color. If you saturate the color by 10%, you get **1AD1FC**, and if you desaturate by 10%, it is **4CDBFC**.

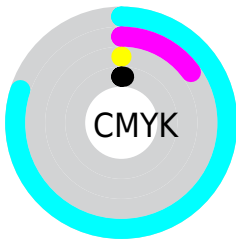
# Distribution



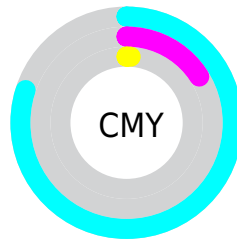
- Red (20%)
- Green (84%)
- Blue (99%)



- Red (20%)
- Yellow (55%)
- Blue (99%)



- Cyan (80%)
- Magenta (15%)
- Yellow (0%)
- Black (1%)



- Cyan (80%)
- Magenta (16%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 33D6FC 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 33D6FC by changing the saturation by 10% instead.



 33D6FC

 33D6FC

FFFFFF

 00BADF

 82FFFF

 009FC3

 A3FFFF

 0085A8

 C3FFFF

 006B8D

 E2FFFF

 005374

 003B5B

 002643

 00032D

 000118

■ 33D6FC

■ 33D6FC

■ 1AD1FC

■ 4CDBFC

■ 01CCFC

■ 65E0FC

■ 00CCFC

■ 7FE4FC

■ 98E9FC

■ B1EEFC

■ CAF3FC

■ E3F7FC

■ FDFCFC

FFFFFC

# Harmonies

## Analogous

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



38DADA



33D6FC



72CEFF

# Triad

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



33D6FC



FFA9D7



C8CA7B

# Complementary

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



33D6FC



FC5933

# 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.



EDBD7A



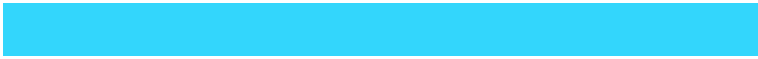
33D6FC



FFA8B0

# Square

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



33D6FC



E5B3F9



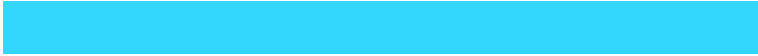
FFB08F



9DD390

# Rectangle

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



33D6FC



9DC6FF



FFB08F



D5C678

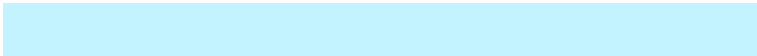


# Sweetspot

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



33D6FC



C2F3FF



33FC58



5B7980



000000



808080

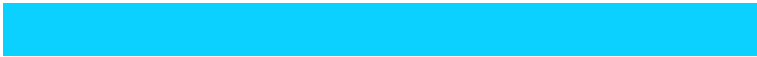


# Same Dimension

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



33D6FC



0AD1FF



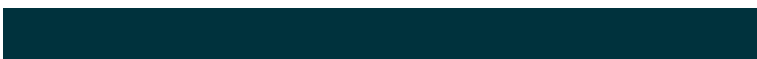
3373FC



707B7D



0099BD



00323D



# Inverse Universe

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



FC33D6



FF0AD1



FCBC33



7D707B



BD0099

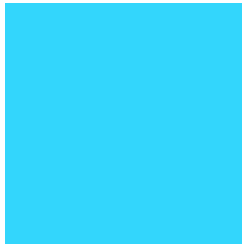


3D0032



# Previews

## White Background



This preview shows how the Hex color 33D6FC looks on a white background.

## Color Contrast Check

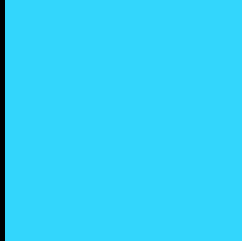
Large Text (above 18pt) WCAG AA × Fail

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 33D6FC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

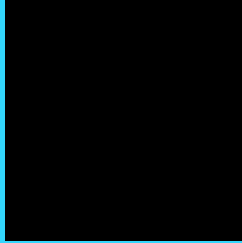
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 33D6FC Background



This preview shows how black text looks on a background with the Hex color 33D6FC.

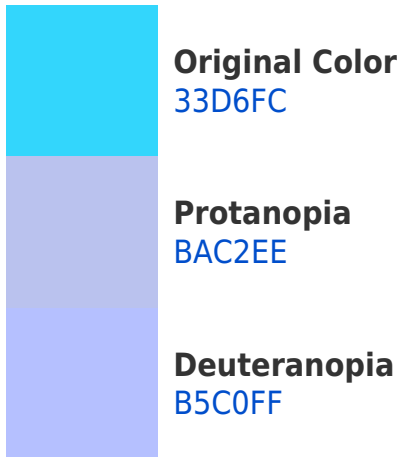


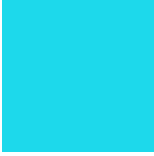
This preview shows how white text looks on a background with the Hex color 33D6FC.

# 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](#).

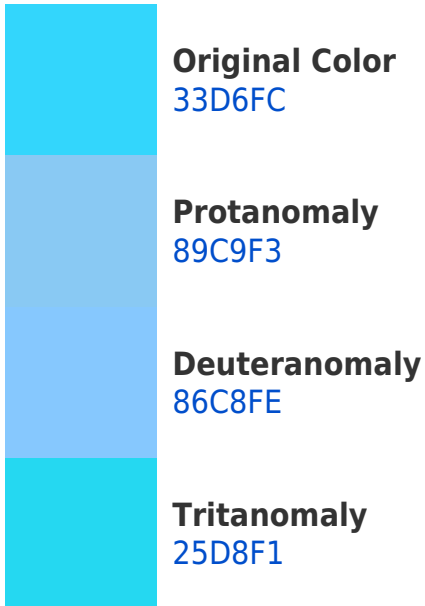
## Dichromacy



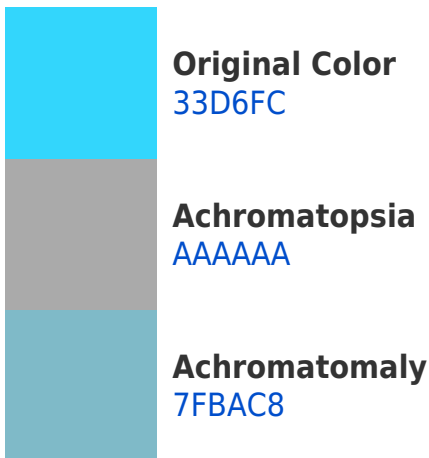


**Tritanopia**  
1DD9EB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 33D6FC 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 #33D6FC looks like.

```
.text, #text, p{  
  color:#33D6FC  
}
```

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 #33D6FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33D6FC
}
```

## Border

The CSS property to change the border of an element to Hex 33D6FC 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
#33D6FC }
```

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

```
.border{ border-color:#33D6FC }
```

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

Here you see how a box with a 4 pixel #33D6FC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33D6FC; -webkit-box-shadow:4px 4px  
4px 4px #33D6FC; box-shadow:4px 4px 4px  
4px #33D6FC }
```

# Background

The CSS property to change the background color of an element to Hex 33D6FC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33D6FC }
```

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

```
.background{ background-color:#33D6FC }
```

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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