

Converting Colors

Hex(30C0FC)

Have a look what the booklet for
Hex(30C0FC) contains.

Hex(30C0FC)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(30C0FC)

Conversions

Conversions Part 1

Format	Color
Hex	30C0FC
RGB	48, 192, 252
RGB Percent	19%, 75%, 99%
CMY	0.8118, 0.2471, 0.0118
CMYK	0.81, 0.24, 0.00, 0.01
HSL	198°, 97%, 59%
HSV	198°, 81%, 99%
XYZ	37.6392, 45.3559, 98.8662
YIQ	155.7840, -105.0840, -11.8680

Conversions

Conversions Part 2

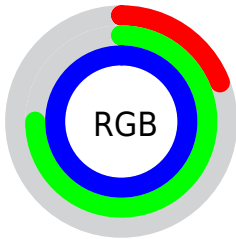
Format	Color
R_{YB}	48, 132, 252
Decimal	3195132
CIE _{Lab}	73.13, -16.99, -40.00
CIE _{LCh}	73, 43.462, 246.990
Yxy	45.3559, 0.2070, 0.2494
Android (android.graphics.Color)	4281385212 (0xFF30C0FC)
YUV	155.7840, 47.4345, -94.5266
Hunter-Lab	67.3468, -18.0956, -39.8959

Details

The Hex color **30C0FC** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **FC6C30**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **7FF8FF**, and **008BC3** is the 20% darker color. If you saturate the color by 10%, you get **17B9FC**, and if you desaturate by 10%, it is **49C7FC**.

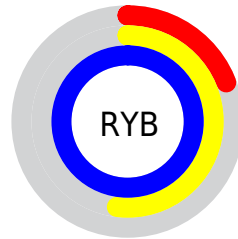
Distribution



Red (19%)

Green (75%)

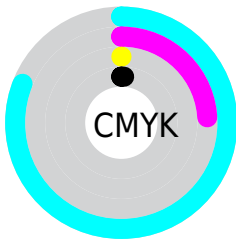
Blue (99%)



Red (19%)

Yellow (52%)

Blue (99%)

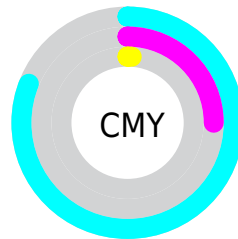


Cyan (81%)

Magenta (24%)

Yellow (0%)

Black (1%)



Cyan (81%)

Magenta (25%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30C0FC 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 30C0FC by changing the saturation by 10% instead.

 30C0FC

 30C0FC

FFFFFF

 00A5DF

 7FF8FF

 008BC3

 9FFFFFF

 0071A8

 BFFFFFF

 00598D

 DFFFFFF

 004173

FEFFFF

 002B5A

 001742

 00032C

 000116

 30C0FC

 30C0FC

 17B9FC

 49C7FC

 00B2FC

 62CFFC

 7CD6FC

 95DEFC

 AEE5FC

 C7ECFC

 E0F4FC

 FAFBFC

FFFFFC

Harmonies

Analogous

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



00C7E2



30C0FC



87B4FF

Triad

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



30C0FC



FF94AC



99BF72

Complementary

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



30C0FC



FC6C30

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.



C4B463



30C0FC



FC9A86

Square

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



30C0FC



ED99D3



E6A66B



66C693

Rectangle

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



30C0FC



B2ABFA



E6A66B



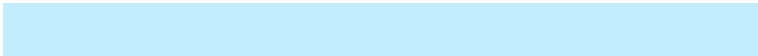
A8BC6B

Sweetspot

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



30C0FC



C2EDFF



30FC6A



5B7580



000000



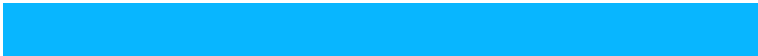
808080

Same Dimension

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



30C0FC



08B6FF



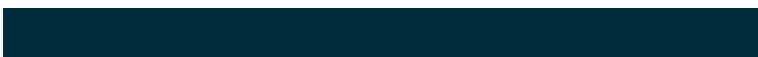
305CFC



70797D



0085BD



002B3D

Inverse Universe

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



FC30C0



FF08B6



FCD030



7D7079



BD0085



3D002B

Previews

White Background



This preview shows how the Hex color 30C0FC looks on a white background.

Color Contrast Check

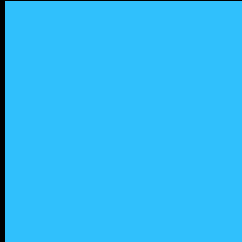
Large Text (above 18pt) WCAG AA × Fail

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 30C0FC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

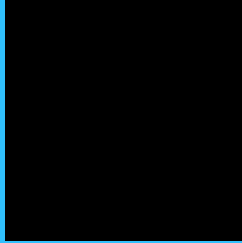
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

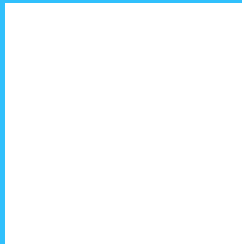
Any Text WCAG AAA ✓ Pass

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

Hex 30C0FC Background



This preview shows how black text looks on a background with the Hex color 30C0FC.

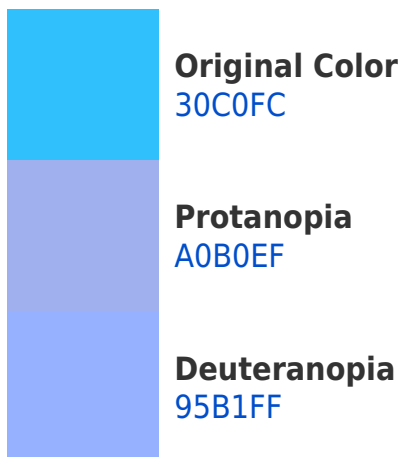


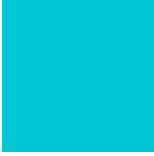
This preview shows how white text looks on a background with the Hex color 30C0FC.

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](#).

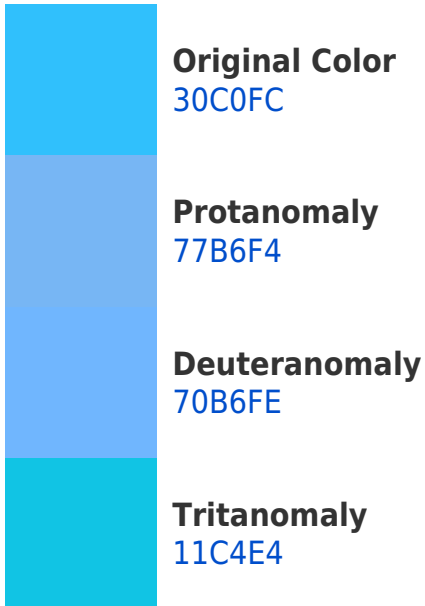
Dichromacy



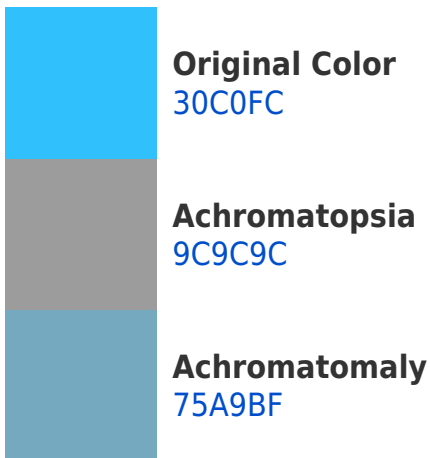


Tritanopia
00C6D6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 30C0FC 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 #30C0FC looks like.

```
.text, #text, p{  
  color:#30C0FC  
}
```

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 #30C0FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30C0FC
}
```

Border

The CSS property to change the border of an element to Hex 30C0FC 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
#30C0FC }
```

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

```
.border{ border-color:#30C0FC }
```

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

Here you see how a box with a 4 pixel #30C0FC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30C0FC; -webkit-box-shadow:4px 4px  
4px 4px #30C0FC; box-shadow:4px 4px 4px  
4px #30C0FC }
```

Background

The CSS property to change the background color of an element to Hex 30C0FC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30C0FC }
```

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

```
.background{ background-color:#30C0FC }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor