

Converting Colors

Hex(30F7FF)

Have a look what the booklet for
Hex(30F7FF) contains.

Hex(30F7FF)	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(30F7FF)

Conversions

Conversions Part 1

Format	Color
Hex	30F7FF
RGB	48, 247, 255
RGB Percent	19%, 97%, 100%
CMY	0.8118, 0.0314, 0.0000
CMYK	0.81, 0.03, 0.00, 0.00
HSL	182°, 100%, 59%
HSV	182°, 81%, 100%
XYZ	52.5297, 74.3699, 106.1940
YIQ	188.4110, -121.1720, -39.7000

Conversions

Conversions Part 2

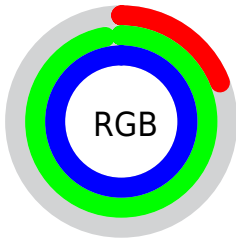
Format	Color
R_{YB}	48, 149, 255
Decimal	3209215
CIE _{Lab}	89.10, -42.68, -17.14
CIE _{LCh}	89, 45.994, 201.877
Yxy	74.3699, 0.2254, 0.3191
Android (android.graphics.Color)	4281399295 (0xFF30F7FF)
YUV	188.4110, 32.8284, -123.1404
Hunter-Lab	86.2380, -42.1877, -12.6435

Details

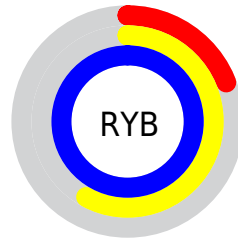
The Hex color **30F7FF** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **FF3830**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **84FFFF**, and **00BEC6** is the 20% darker color. If you saturate the color by 10%, you get **17F6FF**, and if you desaturate by 10%, it is **4AF8FF**.

Distribution



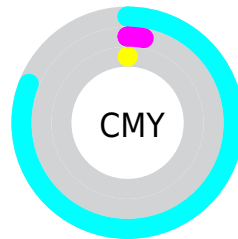
- Red (19%)
- Green (97%)
- Blue (100%)



- Red (19%)
- Yellow (58%)
- Blue (100%)



- Cyan (81%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)



- Cyan (81%)
- Magenta (3%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30F7FF 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 30F7FF by changing the saturation by 10% instead.

 30F7FF

 30F7FF

FFFFFF

 00DAE2

 84FFFF

 00BEC6

 A6FFFF

 00A2AB

 C7FFFF

 008891

 E7FFFF

 006E77

 00545E

 003C47

 002730


 00011C

 30F7FF

 30F7FF

 17F6FF

 4AF8FF

 00F5FF

 63F9FF

 7DFAFF

 96FBFF

 B0FCFF

 C9FDFF

 E3FEFF

 FCFFFF

FFFFFF

Harmonies

Analogous

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



70F7D2



30F7FF



3DF2FF

Triad

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



30F7FF



FFC9FF



FFD989

Complementary

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



30F7FF



FF3830

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.



FFCA9C



30F7FF



FFBFEE

Square

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



30F7FF



D4D9FF



FFBFC1



DCE78D

Rectangle

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



30F7FF



71ECFF



FFBFC1



FFD48D

Sweetspot

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



30F7FF



C2FDFD



30FF37



5B7E80



000000



808080

Same Dimension

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



30F7FF



08F5FF



3091FF



737F80



00B8BF



003D40

Inverse Universe

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



FF30F7



FF08F5



FF9E30



80737F



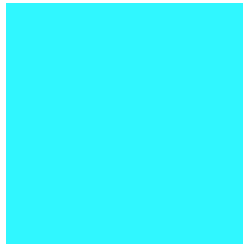
BF00B8



40003D

Previews

White Background



This preview shows how the Hex color 30F7FF looks on a white background.

Color Contrast Check

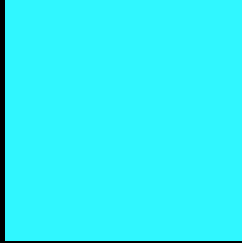
Large Text (above 18pt) WCAG AA × Fail

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 30F7FF 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 30F7FF Background



This preview shows how black text looks on a background with the Hex color 30F7FF.

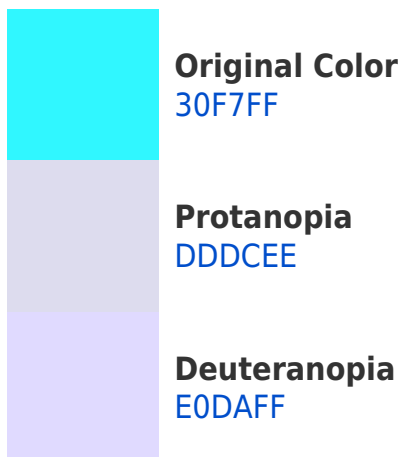


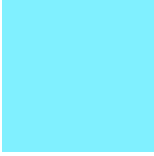
This preview shows how white text looks on a background with the Hex color 30F7FF.

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](#).

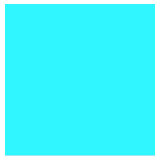
Dichromacy





Tritanopia
80F0FF

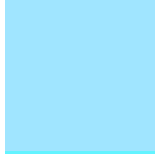
Trichromacy



Original Color
30F7FF



Protanomaly
9EE6F4



Deuteranomaly
A0E5FF

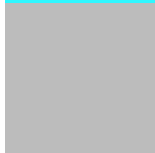


Tritanomaly
63F3FF

Monochromacy



Original Color
30F7FF



Achromatopsia
BCBCBC



Achromatomaly
89D1D4

CSS Examples

Text

The CSS property to change the color of the text to Hex 30F7FF 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 #30F7FF looks like.

```
.text, #text, p{  
    color:#30F7FF  
}
```

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 #30F7FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30F7FF
}
```

Border

The CSS property to change the border of an element to Hex 30F7FF 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
#30F7FF }
```

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

```
.border{ border-color:#30F7FF }
```

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

Here you see how a box with a 4 pixel #30F7FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30F7FF; -webkit-box-shadow:4px 4px  
4px 4px #30F7FF; box-shadow:4px 4px 4px  
4px #30F7FF }
```

Background

The CSS property to change the background color of an element to Hex 30F7FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30F7FF }
```

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

```
.background{ background-color:#30F7FF }
```

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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