

# Converting Colors

Hex(30E8FC)

Have a look what the booklet for  
Hex(30E8FC) contains.

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# **Color**

**Hex(30E8FC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	30E8FC
RGB	48, 232, 252
RGB Percent	19%, 91%, 99%
CMY	0.8118, 0.0902, 0.0118
CMYK	0.81, 0.08, 0.00, 0.01
HSL	186°, 97%, 59%
HSV	186°, 81%, 99%
XYZ	47.6462, 65.3699, 102.2019
YIQ	179.2640, -116.0840, -32.7880

# Conversions

## Conversions Part 2

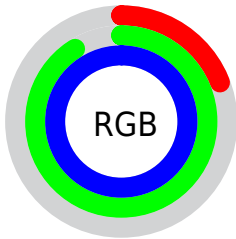
<b>Format</b>	<b>Color</b>
<b>RYB</b>	48, 145, 252
Decimal	3205372
CIELab	84.67, -36.75, -22.25
CIELCh	85, 42.957, 211.190
Yxy	65.3699, 0.2214, 0.3037
Android (android.graphics.Color)	4281395452 (0xFF30E8FC)
YUV	179.2640, 35.8588, -115.1185
Hunter-Lab	80.8516, -36.2995, -18.3504

# Details

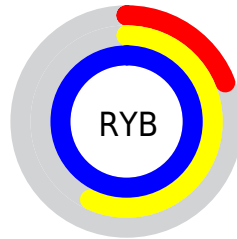
The Hex color **30E8FC** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **FC4430**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **82FFFF**, and **00B0C3** is the 20% darker color. If you saturate the color by 10%, you get **17E6FC**, and if you desaturate by 10%, it is **49EAFC**.

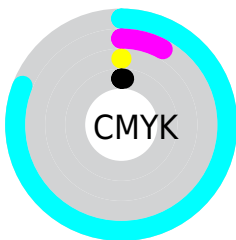
# Distribution



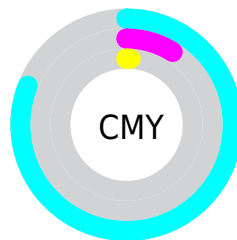
- Red (19%)
- Green (91%)
- Blue (99%)



- Red (19%)
- Yellow (57%)
- Blue (99%)



- Cyan (81%)
- Magenta (8%)
- Yellow (0%)
- Black (1%)



- Cyan (81%)
- Magenta (9%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 30E8FC 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 30E8FC by changing the saturation by 10% instead.



 30E8FC

 30E8FC


FFFFFF

 00CCDF

 82FFFF

 00B0C3

 A4FFFF

 0095A8

 C4FFFF

 007A8E

 E4FFFF

 006174

 00495B

 003144

 001B2E

 000119

 30E8FC

 30E8FC

 17E6FC

 49EAFC

 00E3FC

 62EDFC

 7CEFFC

 95F2FC

 AEF4FC

 C7F7FC

 E0F9FC

 FAFCFE

 FFFEFC

# Harmonies

## Analogous

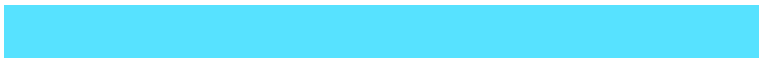
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



5CE9D4



30E8FC



57E2FF

# Triad

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



30E8FC



FFBBFB



EDD182

# Complementary

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



30E8FC



FC4430

# 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.



FFC38D



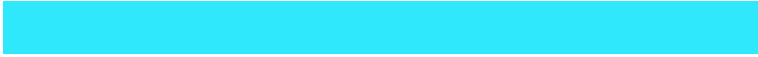
30E8FC



FFB4D3

# Square

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



30E8FC



DAC8FF



FFB8AB



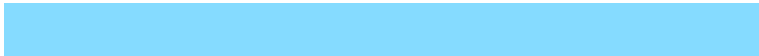
C2DD8D

# Rectangle

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



30E8FC



85DBFF



FFB8AB



F9CD83

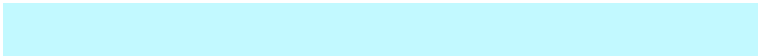


# Sweetspot

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



30E8FC



C2F9FF



30FC41



5B7C80



000000

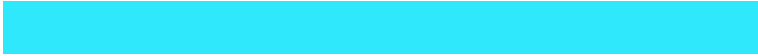


808080

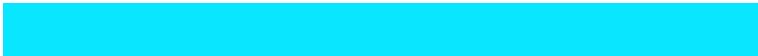


# Same Dimension

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



30E8FC



08E7FF



3085FC



707C7D



00AABD



00373D



# Inverse Universe

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



FC30E8



FF08E7



FCA730



7D707C



BD00AA

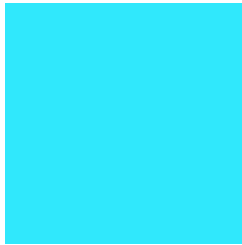


3D0037



# Previews

## White Background



This preview shows how the Hex color 30E8FC looks on a white background.

## Color Contrast Check

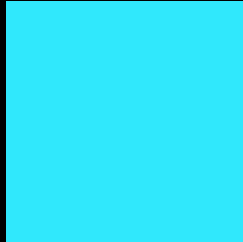
Large Text (above 18pt) WCAG AA × Fail

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 30E8FC 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 30E8FC Background



This preview shows how black text looks on a background with the Hex color 30E8FC.

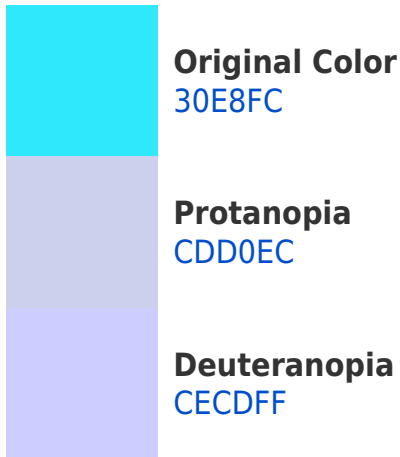


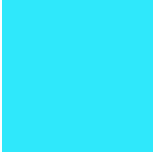
This preview shows how white text looks on a background with the Hex color 30E8FC.

# 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



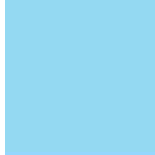


**Tritanopia**  
2FE8FB

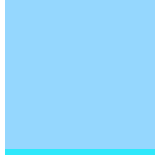
# Trichromacy



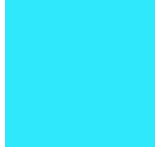
**Original Color**  
30E8FC



**Protanomaly**  
94D9F2



**Deuteranomaly**  
95D7FE

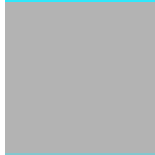


**Tritanomaly**  
2FE8FB

# Monochromacy



**Original Color**  
30E8FC



**Achromatopsia**  
B3B3B3



**Achromatomaly**  
83C6CE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 30E8FC 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 #30E8FC looks like.

```
.text, #text, p{  
    color:#30E8FC  
}
```

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 #30E8FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30E8FC
}
```

## Border

The CSS property to change the border of an element to Hex 30E8FC 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
#30E8FC }
```

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

```
.border{ border-color:#30E8FC }
```

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

Here you see how a box with a 4 pixel #30E8FC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30E8FC; -webkit-box-shadow:4px 4px  
4px 4px #30E8FC; box-shadow:4px 4px 4px  
4px #30E8FC }
```

# Background

The CSS property to change the background color of an element to Hex 30E8FC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30E8FC }
```

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

```
.background{ background-color:#30E8FC }
```

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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