

# Converting Colors

Hex(37F5FF)

Have a look what the booklet for  
Hex(37F5FF) contains.

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**Color**

**Hex(37F5FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	37F5FF
RGB	55, 245, 255
RGB Percent	22%, 96%, 100%
CMY	0.7843, 0.0392, 0.0000
CMYK	0.78, 0.04, 0.00, 0.00
HSL	183°, 100%, 61%
HSV	183°, 78%, 100%
XYZ	52.2780, 73.3370, 106.0079
YIQ	189.3300, -116.4500, -37.1700

# Conversions

## Conversions Part 2

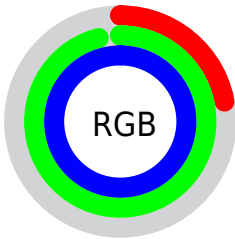
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	55, 152, 255
Decimal	3667455
CIE Lab	88.61, -41.23, -17.86
CIE LCh	89, 44.935, 203.426
Yxy	73.3370, 0.2257, 0.3166
Android (android.graphics.Color)	4281857535 (0xFF37F5FF)
YUV	189.3300, 32.3753, -117.8074
Hunter-Lab	85.6370, -40.8978, -13.4476

# Details

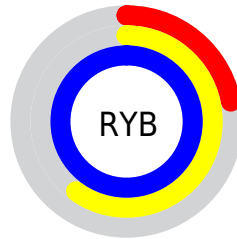
The Hex color **37F5FF** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **FF4137**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **87FFFF**, and **00BCC6** is the 20% darker color. If you saturate the color by 10%, you get **1DF4FF**, and if you desaturate by 10%, it is **51F6FF**.

# Distribution



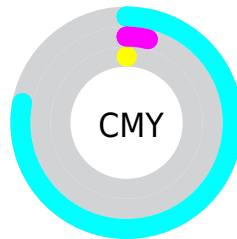
- Red (22%)
- Green (96%)
- Blue (100%)



- Red (22%)
- Yellow (60%)
- Blue (100%)



- Cyan (78%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (78%)
- Magenta (4%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 37F5FF 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 37F5FF by changing the saturation by 10% instead.



 37F5FF

 37F5FF

FFFFFF

 00D8E2

 87FFFF

 00BCC6

 A9FFFF

 00A1AB

 C9FFFF

 008691

 EAFFFF

 006C77

 00535E

 003B47

 002630


 00011C

 37F5FF

 37F5FF


 1DF4FF

 51F6FF

 04F2FF

 6AF8FF

 00F2FF

 84F9FF

 9DFAFF

 B6FBFF

 D0FDFF

 EAFEFF

FFFFFF

# Harmonies

## Analogous

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



6FF5D3



37F5FF



48F0FF

# Triad

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



37F5FF



FFC8FF



FFD989

# Complementary

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



37F5FF



FF4137

# 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.



FFCA9B



37F5FF



FFBEEA

# Square

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



37F5FF



D6D7FF



FFBFBF



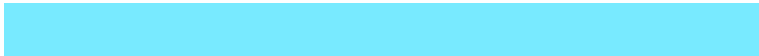
D9E68E

# Rectangle

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



37F5FF



78EAFB



FFBFBF



FFD48D



# Sweetspot

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



37F5FF



C2FCFF



37FF41



5B7E80



000000



808080



# Same Dimension

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



37F5FF



0FF3FF



3791FF



737F80



00B6BF



003D40



# Inverse Universe

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



FF37F5



FF0FF3



FFA537



80737F



BF00B6

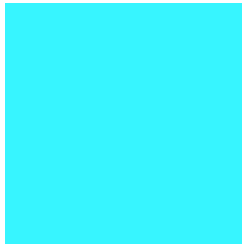


40003D



# Previews

## White Background



This preview shows how the Hex color 37F5FF looks on a white background.

## Color Contrast Check

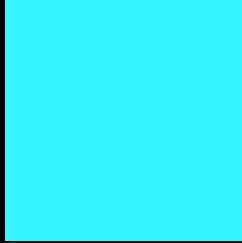
Large Text (above 18pt) WCAG AA × Fail

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 37F5FF 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 37F5FF Background



This preview shows how black text looks on a background with the Hex color 37F5FF.

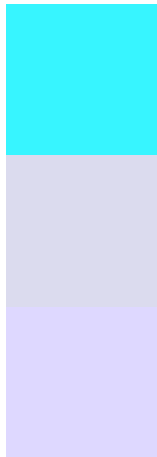


This preview shows how white text looks on a background with the Hex color 37F5FF.

# 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](#).

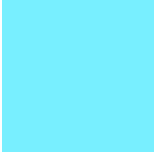
## Dichromacy



**Original Color**  
37F5FF

**Protanopia**  
DBDBEE

**Deuteranopia**  
DED8FF

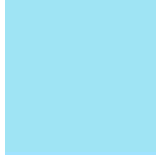


**Tritanopia**  
78EFFF

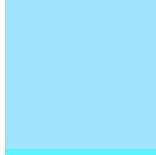
# Trichromacy



**Original Color**  
37F5FF



**Protanomaly**  
9FE4F4



**Deuteranomaly**  
A1E3FF

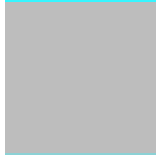


**Tritanomaly**  
60F1FF

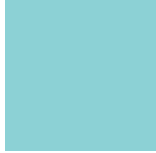
# Monochromacy



**Original Color**  
37F5FF



**Achromatopsia**  
BDBDBD



**Achromatomaly**  
8CD1D5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 37F5FF 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 #37F5FF looks like.

```
.text, #text, p{  
    color:#37F5FF  
}
```

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 #37F5FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37F5FF
}
```

## Border

The CSS property to change the border of an element to Hex 37F5FF 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
#37F5FF }
```

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

```
.border{ border-color:#37F5FF }
```

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

Here you see how a box with a 4 pixel #37F5FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37F5FF; -webkit-box-shadow:4px 4px  
4px 4px #37F5FF; box-shadow:4px 4px 4px  
4px #37F5FF }
```

# Background

The CSS property to change the background color of an element to Hex 37F5FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37F5FF }
```

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

```
.background{ background-color:#37F5FF }
```

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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