

Converting Colors

Hex(37E0FF)

Have a look what the booklet for
Hex(37E0FF) contains.

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Color

Hex(37E0FF)

Conversions

Conversions Part 1

Format	Color
Hex	37E0FF
RGB	55, 224, 255
RGB Percent	22%, 88%, 100%
CMY	0.7843, 0.1216, 0.0000
CMYK	0.78, 0.12, 0.00, 0.00
HSL	189°, 100%, 61%
HSV	189°, 78%, 100%
XYZ	46.2812, 61.3435, 104.0090
YIQ	177.0030, -110.6750, -26.1870

Conversions

Conversions Part 2

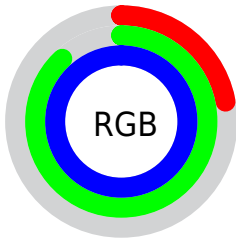
Format	Color
RYB	55, 147, 255
Decimal	3662079
CIELab	82.56, -31.48, -27.03
CIElCh	83, 41.494, 220.655
Yxy	61.3435, 0.2187, 0.2899
Android (android.graphics.Color)	4281852159 (0xFF37E0FF)
YUV	177.0030, 38.4525, -106.9966
Hunter-Lab	78.3221, -31.5865, -23.9095

Details

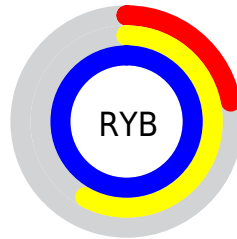
The Hex color **37E0FF** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **FF5637**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **85FFFF**, and **00A8C6** is the 20% darker color. If you saturate the color by 10%, you get **1DDCFF**, and if you desaturate by 10%, it is **51E4FF**.

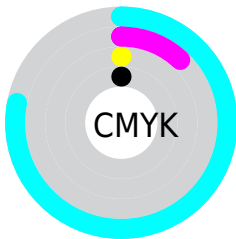
Distribution



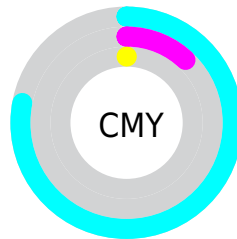
- Red (22%)
- Green (88%)
- Blue (100%)



- Red (22%)
- Yellow (58%)
- Blue (100%)



- Cyan (78%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)



- Cyan (78%)
- Magenta (12%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 37E0FF 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 37E0FF by changing the saturation by 10% instead.

 37E0FF

 37E0FF

FFFFFF

 00C4E2

 85FFFF

 00A8C6

 A6FFFF

 008EAB

 C6FFFF

 007490

 E6FFFF

 005B77

 00435E

 002C46

 001330

 00011A

 37E0FF

 37E0FF

 1DDCFF

 51E4FF

 04D8FF

 6AE8FF

 00D7FF

 84ECFF

 9DF0FF

 B6F4FF

 D0F8FF

 EAF0FF

FFFFFF

Harmonies

Analogous

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



4CE3DB



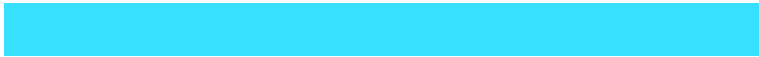
37E0FF



6CD9FF

Triad

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



37E0FF



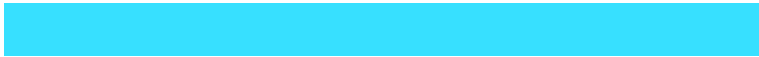
FFB3E8



DAD080

Complementary

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



37E0FF



FF5637

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.



FDC284



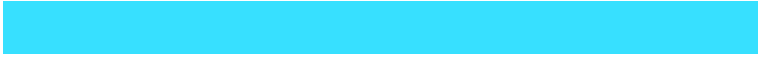
37E0FF



FFAFC1

Square

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



37E0FF



E4BEFF



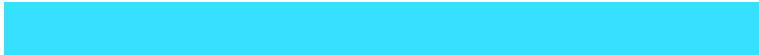
FFB69D



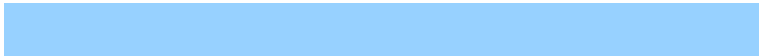
AFDA91

Rectangle

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



37E0FF



97D1FF



FFB69D



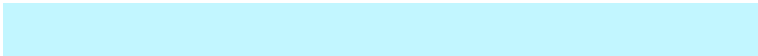
E7CB7F

Sweetspot

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



37E0FF



C2F6FF



37FF55



5B7A80



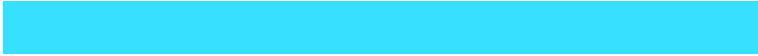
000000



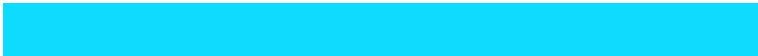
808080

Same Dimension

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



37E0FF



0FDAFF



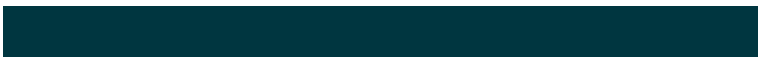
377DFF



737E80



00A2BF



003640

Inverse Universe

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



FF37E0



FF0FDA



FFB937



80737E



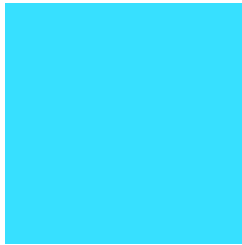
BF00A2



400036

Previews

White Background



This preview shows how the Hex color 37E0FF looks on a white background.

Color Contrast Check

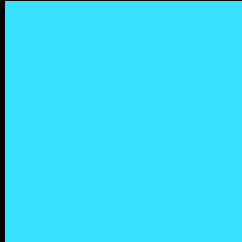
Large Text (above 18pt) WCAG AA × Fail

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 37E0FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

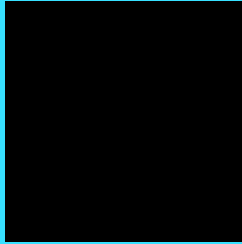
Any Text WCAG AA ✓ Pass

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 37E0FF Background



This preview shows how black text looks on a background with the Hex color 37E0FF.

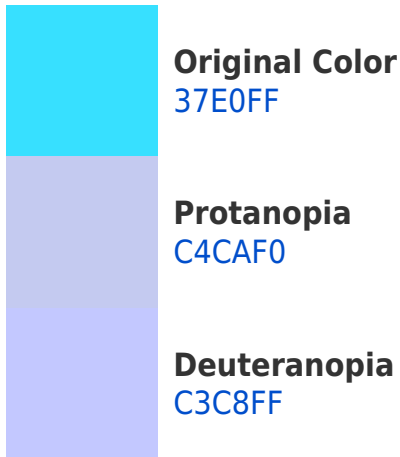


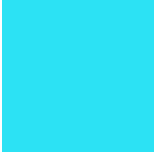
This preview shows how white text looks on a background with the Hex color 37E0FF.

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



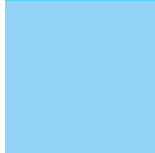


Tritanopia
2CE2F4

Trichromacy



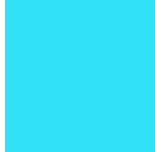
Original Color
37E0FF



Protanomaly
91D2F5



Deuteranomaly
90D1FF

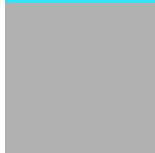


Tritanomaly
30E1F8

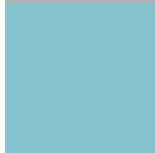
Monochromacy



Original Color
37E0FF



Achromatopsia
B1B1B1



Achromatomaly
85C2CD

CSS Examples

Text

The CSS property to change the color of the text to Hex 37E0FF 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 #37E0FF looks like.

```
.text, #text, p{  
    color:#37E0FF  
}
```

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 #37E0FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37E0FF
}
```

Border

The CSS property to change the border of an element to Hex 37E0FF 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
#37E0FF }
```

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

```
.border{ border-color:#37E0FF }
```

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

Here you see how a box with a 4 pixel #37E0FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37E0FF; -webkit-box-shadow:4px 4px  
4px 4px #37E0FF; box-shadow:4px 4px 4px  
4px #37E0FF }
```

Background

The CSS property to change the background color of an element to Hex 37E0FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37E0FF }
```

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

```
.background{ background-color:#37E0FF }
```

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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