

Converting Colors

Hex(37C0FF)

Have a look what the booklet for
Hex(37C0FF) contains.

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Color

Hex(37C0FF)

Conversions

Conversions Part 1

Format	Color
Hex	37C0FF
RGB	55, 192, 255
RGB Percent	22%, 75%, 100%
CMY	0.7843, 0.2471, 0.0000
CMYK	0.78, 0.25, 0.00, 0.00
HSL	199°, 100%, 61%
HSV	199°, 78%, 100%
XYZ	38.4752, 45.7315, 101.4069
YIQ	158.2190, -101.8750, -9.4510

Conversions

Conversions Part 2

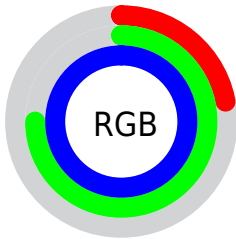
Format	Color
R _{YB}	55, 136, 255
Decimal	3653887
CIE Lab	73.37, -15.35, -41.23
CIE LCh	73, 43.990, 249.580
Yxy	45.7315, 0.2073, 0.2464
Android (android.graphics.Color)	4281843967 (0xFF37C0FF)
YUV	158.2190, 47.7130, -90.5231
Hunter-Lab	67.6251, -16.7866, -41.5706

Details

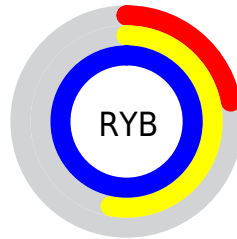
The Hex color **37C0FF** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light washed cyan. A complement of this color would be **FF7637**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **83F8FF**, and **008BC6** is the 20% darker color. If you saturate the color by 10%, you get **1DB8FF**, and if you desaturate by 10%, it is **51C8FF**.

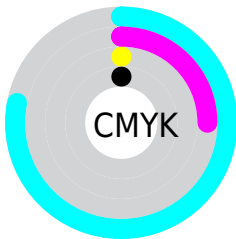
Distribution



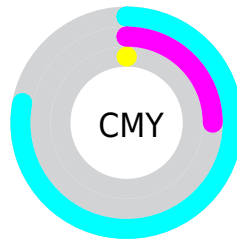
- Red (22%)
- Green (75%)
- Blue (100%)



- Red (22%)
- Yellow (53%)
- Blue (100%)



- Cyan (78%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)



- Cyan (78%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 37C0FF 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 37C0FF by changing the saturation by 10% instead.

 37C0FF

 37C0FF

FFFFFF

 00A5E2

 83F8FF

 008BC6

 A3FFFF

 0071AA

 C3FFFF

 005990

 E2FFFF

 004176

 002C5D

 001845

 00042E

 000118

 37C0FF

 37C0FF

 1DB8FF

 51C8FF

 04B0FF

 6AD0FF

 00AFFF

 84D8FF

 9DE0FF

 B6E8FF

 D0F0FF

 EAF8FF

FFFFFF

Harmonies

Analogous

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



00C7E6



37C0FF



8DB4FF

Triad

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



37C0FF



FF94A9



95C174

Complementary

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



37C0FF



FF7637

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.



C1B663



37C0FF



FC9B83

Square

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



37C0FF



F198D1



E5A869



61C797

Rectangle

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



37C0FF



B7AAFA



E5A869



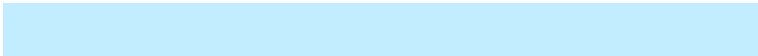
A5BE6C

Sweetspot

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



37C0FF



C2ECFF



37FF73



5B7480



000000



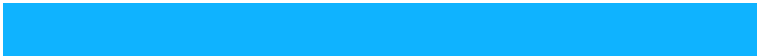
808080

Same Dimension

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



37C0FF



0FB3FF



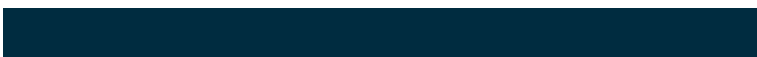
375FFF



737B80



0083BF



002C40

Inverse Universe

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



FF37C0



FF0FB3



FFD737



80737B



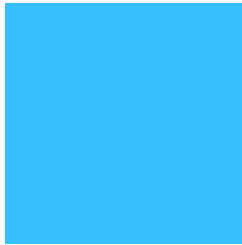
BF0083



40002C

Previews

White Background



This preview shows how the Hex color 37C0FF looks on a white background.

Color Contrast Check

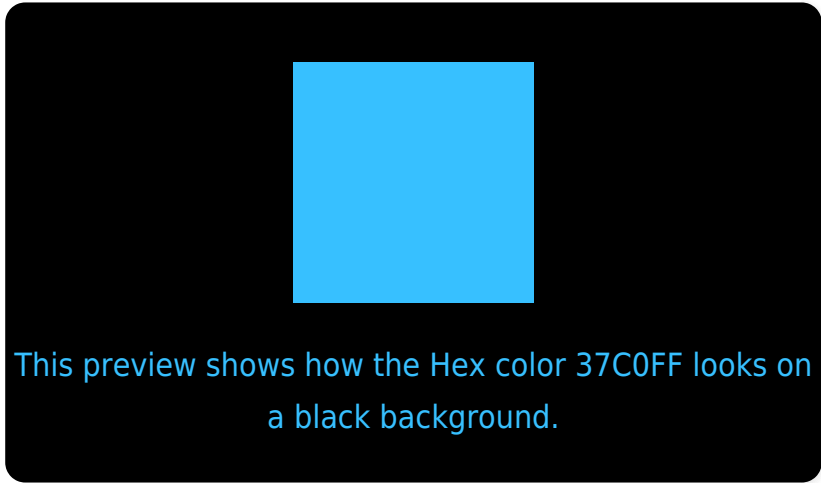
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

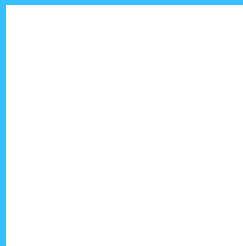
Any Text WCAG AAA ✓ Pass

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

Hex 37C0FF Background



This preview shows how black text looks on a background with the Hex color 37C0FF.

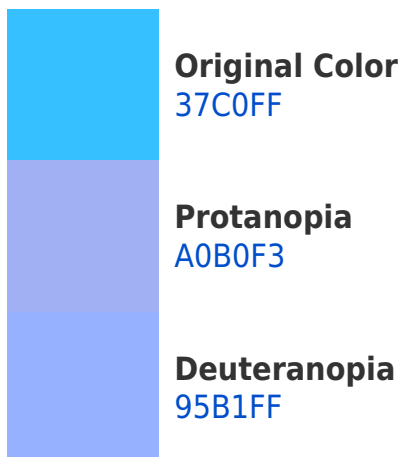


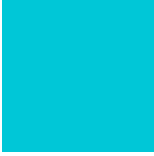
This preview shows how white text looks on a background with the Hex color 37C0FF.

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](#).

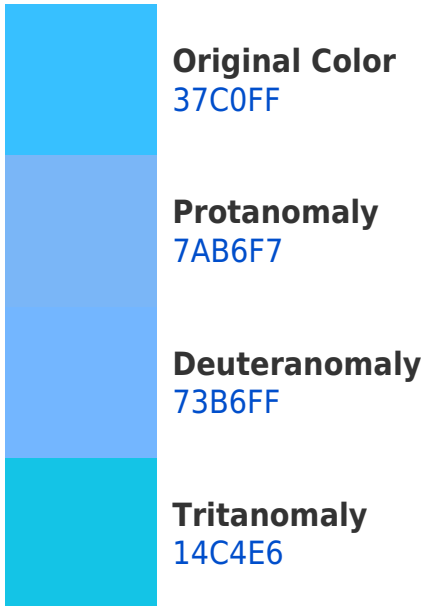
Dichromacy





Tritanopia
00C7D7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 37C0FF 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 #37C0FF looks like.

```
.text, #text, p{  
    color:#37C0FF  
}
```

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 #37C0FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37C0FF
}
```

Border

The CSS property to change the border of an element to Hex 37C0FF 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
#37C0FF }
```

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

```
.border{ border-color:#37C0FF }
```

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

Here you see how a box with a 4 pixel #37C0FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37C0FF; -webkit-box-shadow:4px 4px  
4px 4px #37C0FF; box-shadow:4px 4px 4px  
4px #37C0FF }
```

Background

The CSS property to change the background color of an element to Hex 37C0FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37C0FF }
```

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

```
.background{ background-color:#37C0FF }
```

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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