

Converting Colors

Hex(37A4FB)

Have a look what the booklet for
Hex(37A4FB) contains.

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Color

Hex(37A4FB)

Conversions

Conversions Part 1

Format	Color
Hex	37A4FB
RGB	55, 164, 251
RGB Percent	22%, 64%, 98%
CMY	0.7843, 0.3569, 0.0157
CMYK	0.78, 0.35, 0.00, 0.02
HSL	207°, 96%, 60%
HSV	207°, 78%, 98%
XYZ	32.2636, 34.3282, 96.1923
YIQ	141.3270, -92.8910, 3.9490

Conversions

Conversions Part 2

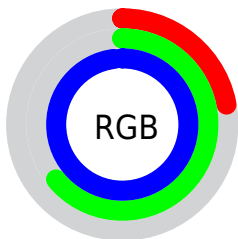
Format	Color
R _Y B	55, 125, 251
Decimal	3646715
CIE Lab	65.22, -1.31, -51.87
CIE LCh	65, 51.885, 268.556
Yxy	34.3282, 0.1982, 0.2109
Android (android.graphics.Color)	4281836795 (0xFF37A4FB)
YUV	141.3270, 54.0688, -75.7088
Hunter-Lab	58.5903, -4.2393, -56.3280

Details

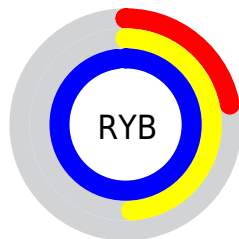
The Hex color **37A4FB** is a light color, and the websafe version is hex **0099FF**. The color can be described as light washed azure. A complement of this color would be **FB8E37**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **81DBFF**, and **0071C2** is the 20% darker color. If you saturate the color by 10%, you get **1E99FB**, and if you desaturate by 10%, it is **50AFFB**.

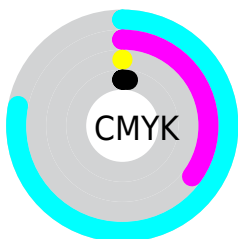
Distribution



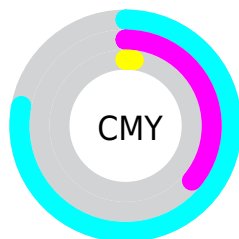
- Red (22%)
- Green (64%)
- Blue (98%)



- Red (22%)
- Yellow (49%)
- Blue (98%)



- Cyan (78%)
- Magenta (35%)
- Yellow (0%)
- Black (2%)



- Cyan (78%)
- Magenta (36%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 37A4FB 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 37A4FB by changing the saturation by 10% instead.

 37A4FB

 37A4FB


FFFFFF

 008ADE

 81DBFF

 0071C2

 A1F7FF

 0059A6

 C0FFFF

 00428C

 E0FFFF

 002D72

 001958

 000740

 000329

 000114

■ 37A4FB

■ 37A4FB

■ 1E99FB

■ 50AFFB

■ 058EFB

■ 69BAFB

■ 008CFB

■ 82C5FB

■ 9BD1FB

■ B5DCFB

■ CEE7FB

■ E7F2FB

■ FFFDFB

■ FFFFFB

Harmonies

Analogous

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



00AFED



37A4FB



9D93F0

Triad

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



37A4FB



F37A75



50B16C

Complementary

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



37A4FB



FB8E37

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.



8CA949



37A4FB



DF8A4F

Square

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



37A4FB



F176A2



BB9B3D



00B59A

Rectangle

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



37A4FB



C686DC



BB9B3D



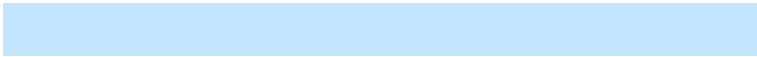
67AF5E

Sweetspot

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



37A4FB



C4E5FF



37FB8C



5C7080



000000



808080

Same Dimension

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



37A4FB



0F95FF



3744FB



70777D



0069BD



00223D

Inverse Universe

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



FB37A4



FF0F95



FBEE37



7D7077



BD0069



3D0022

Previews

White Background



This preview shows how the Hex color 37A4FB looks on a white background.

Color Contrast Check

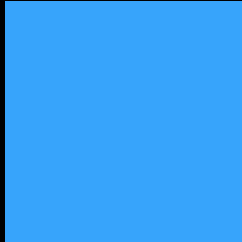
Large Text (above 18pt) WCAG AA × Fail

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 37A4FB 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

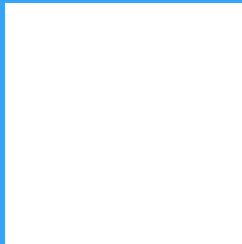
Any Text WCAG AAA ✓ Pass

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

Hex 37A4FB Background



This preview shows how black text looks on a background with the Hex color 37A4FB.

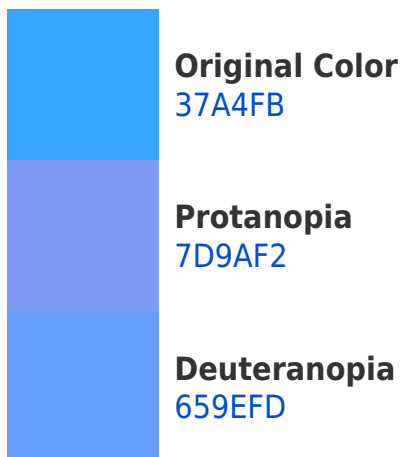


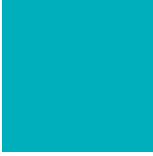
This preview shows how white text looks on a background with the Hex color 37A4FB.

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](#).

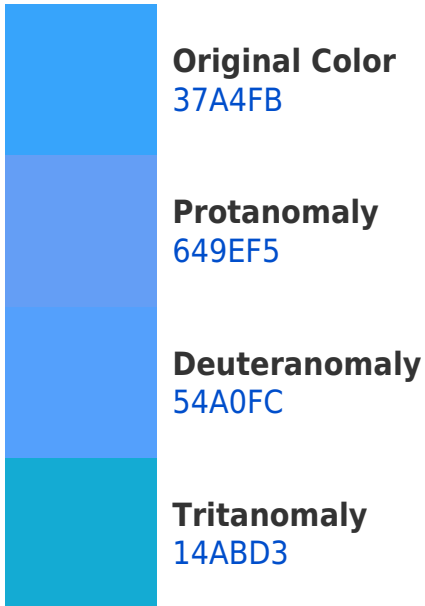
Dichromacy





Tritanopia
00AFBC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 37A4FB 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 #37A4FB looks like.

```
.text, #text, p{  
    color:#37A4FB  
}
```

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 #37A4FB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37A4FB
}
```

Border

The CSS property to change the border of an element to Hex 37A4FB 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
#37A4FB }
```

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

```
.border{ border-color:#37A4FB }
```

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

Here you see how a box with a 4 pixel #37A4FB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37A4FB; -webkit-box-shadow:4px 4px  
4px 4px #37A4FB; box-shadow:4px 4px 4px  
4px #37A4FB }
```

Background

The CSS property to change the background color of an element to Hex 37A4FB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37A4FB }
```

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

```
.background{ background-color:#37A4FB }
```

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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