

Converting Colors

Hex(3C97F7)

Have a look what the booklet for
Hex(3C97F7) contains.

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Color

Hex(3C97F7)

Conversions

Conversions Part 1

Format	Color
Hex	3C97F7
RGB	60, 151, 247
RGB Percent	24%, 59%, 97%
CMY	0.7647, 0.4078, 0.0314
CMYK	0.76, 0.39, 0.00, 0.03
HSL	211°, 92%, 60%
HSV	211°, 76%, 97%
XYZ	29.7186, 29.8093, 92.1831
YIQ	134.7350, -85.0520, 10.5640

Conversions

Conversions Part 2

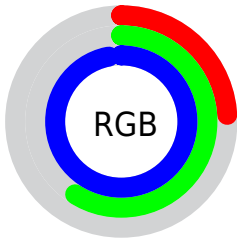
Format	Color
R _{YB}	60, 121, 247
Decimal	3971063
CIE Lab	61.49, 5.36, -55.60
CIE LCh	61, 55.858, 275.505
Yxy	29.8093, 0.1959, 0.1965
Android (android.graphics.Color)	4282161143 (0xFF3C97F7)
YUV	134.7350, 55.3466, -65.5426
Hunter-Lab	54.5979, 1.6144, -61.8868

Details

The Hex color **3C97F7** is a light color, and the websafe version is hex **3399FF**. The color can be described as light washed azure. A complement of this color would be **F79C3C**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **83CDFF**, and **0065BE** is the 20% darker color. If you saturate the color by 10%, you get **238AF7**, and if you desaturate by 10%, it is **55A4F7**.

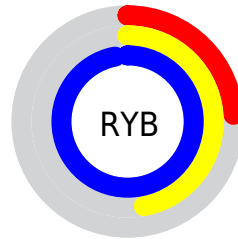
Distribution



Red (24%)

Green (59%)

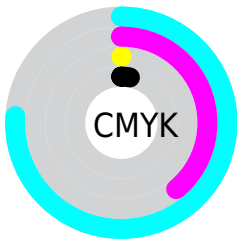
Blue (97%)



Red (24%)

Yellow (47%)

Blue (97%)

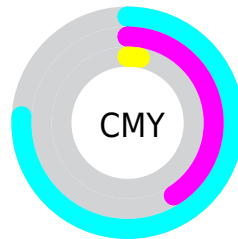


Cyan (76%)

Magenta (39%)

Yellow (0%)

Black (3%)



Cyan (76%)

Magenta (41%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C97F7 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 3C97F7 by changing the saturation by 10% instead.

 3C97F7

 3C97F7

FFFFFF

 007DDA

 83CDFF

 0065BE

 A3E9FF

 004DA2

 C2FFFF

 003788

 E1FFFF

 00236E

 000D55

 00063D

 000326

 00010F

■ 3C97F7

■ 3C97F7

■ 238AF7

■ 55A4F7

■ 0B7EF7

■ 6DB0F7

■ 0078F7

■ 86BDF7

■ 9FCAF7

■ B7D6F7

■ D0E3F7

■ E9F0F7

■ FFFCF7

■ FFFFF7

Harmonies

Analogous

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



00A4EE



3C97F7



A384E5

Triad

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



3C97F7



E9705E



19AA69

Complementary

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



3C97F7



F79C3C

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.



73A23F



3C97F7



CF8338

Square

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



3C97F7



EE678D



A79529



00AD9C

Rectangle

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



3C97F7



CA76CD



A79529



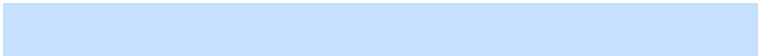
44A85A

Sweetspot

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



3C97F7



C4E1FF



3CF79A



5C6D80



000000



808080

Same Dimension

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



3C97F7



1788FF



3C3CF7



6E747A



005BBA



001D3B

Inverse Universe

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



F73C97



FF1788



F7F73C



7A6E74



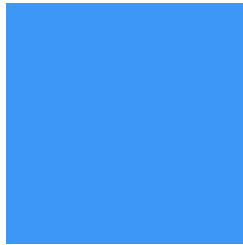
BA005B



3B001D

Previews

White Background



This preview shows how the Hex color 3C97F7 looks on a white background.

Color Contrast Check

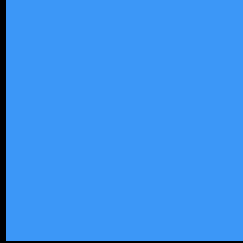
Large Text (above 18pt) WCAG AA ✓ Pass

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 3C97F7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

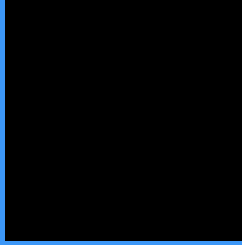
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

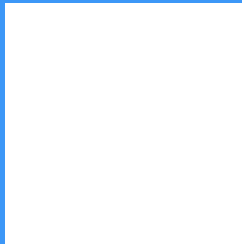
Any Text WCAG AAA × Fail

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

Hex 3C97F7 Background



This preview shows how black text looks on a background with the Hex color 3C97F7.

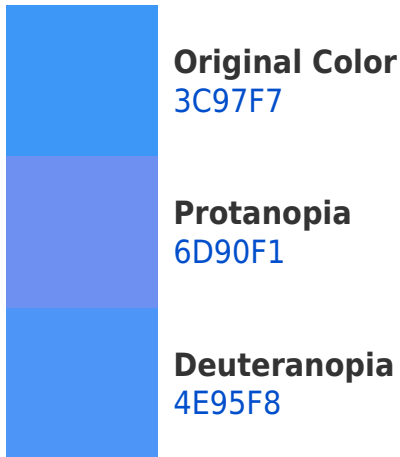


This preview shows how white text looks on a background with the Hex color 3C97F7.

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



Trichromacy



Original Color
3C97F7

Protanomaly
5B93F3

Deuteranomaly
4796F8

Monochromacy



Original Color
3C97F7

Achromatopsia
878787

Achromatomaly
6C8DB0

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C97F7 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 #3C97F7 looks like.

```
.text, #text, p{  
    color:#3C97F7  
}
```

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 #3C97F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C97F7
}
```

Border

The CSS property to change the border of an element to Hex 3C97F7 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
#3C97F7 }
```

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

```
.border{ border-color:#3C97F7 }
```

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

Here you see how a box with a 4 pixel #3C97F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C97F7; -webkit-box-shadow:4px 4px  
4px 4px #3C97F7; box-shadow:4px 4px 4px  
4px #3C97F7 }
```

Background

The CSS property to change the background color of an element to Hex 3C97F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C97F7 }
```

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

```
.background{ background-color:#3C97F7 }
```

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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