

Converting Colors

Hex(36B8FC)

Have a look what the booklet for
Hex(36B8FC) contains.

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Color

Hex(36B8FC)

Conversions

Conversions Part 1

Format	Color
Hex	36B8FC
RGB	54, 184, 252
RGB Percent	21%, 72%, 99%
CMY	0.7882, 0.2784, 0.0118
CMYK	0.79, 0.27, 0.00, 0.01
HSL	201°, 97%, 60%
HSV	201°, 79%, 99%
XYZ	36.2325, 42.0935, 98.3107
YIQ	152.8820, -99.3080, -6.4120

Conversions

Conversions Part 2

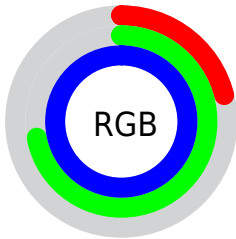
Format	Color
RYB	54, 132, 252
Decimal	3586300
CIELab	70.94, -12.18, -43.42
CIELCh	71, 45.093, 254.328
Yxy	42.0935, 0.2051, 0.2383
Android (android.graphics.Color)	4281776380 (0xFF36B8FC)
YUV	152.8820, 48.8652, -86.7195
Hunter-Lab	64.8795, -13.8544, -44.4253

Details

The Hex color **36B8FC** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light washed azure. A complement of this color would be **FC7A36**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **81F0FF**, and **0083C3** is the 20% darker color. If you saturate the color by 10%, you get **1DAFFC**, and if you desaturate by 10%, it is **4FC1FC**.

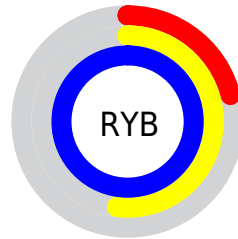
Distribution



Red (21%)

Green (72%)

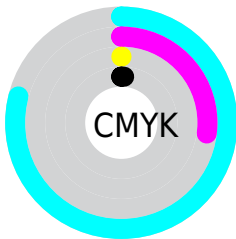
Blue (99%)



Red (21%)

Yellow (52%)

Blue (99%)

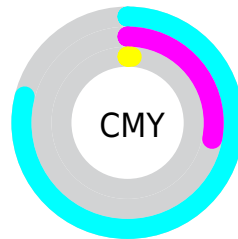


Cyan (79%)

Magenta (27%)

Yellow (0%)

Black (1%)



Cyan (79%)

Magenta (28%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color 36B8FC 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 36B8FC by changing the saturation by 10% instead.

 36B8FC

 36B8FC

FFFFFF

 009DDF

 81F0FF

 0083C3

 A2FFFF

 006AA8

 C1FFFF

 00528D

 E0FFFF

 003B73

 00265A

 000D42

 00032B

 000116

■ 36B8FC

■ 36B8FC

■ 1DAFFC

■ 4FC1FC

■ 04A7FC

■ 68C9FC

■ 00A5FC

■ 82D2FC

■ 9BDBFC

■ B4E3FC

■ CDECFC

■ E6F5FC

■ FFFDFC

FFFFFC

Harmonies

Analogous

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



00C0E6



36B8FC



8FABFD

Triad

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



36B8FC



FC8D9B



86BC71

Complementary

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



36B8FC



FC7A36

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.



B4B15C



36B8FC



F49576

Square

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



36B8FC



EF8FC5



DAA45E



4CC296

Rectangle

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



36B8FC



B9A1F2



DAA45E



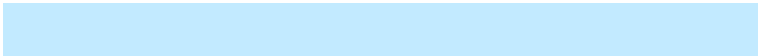
96B968

Sweetspot

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



36B8FC



C2EAFF



36FC78



5B7380



000000



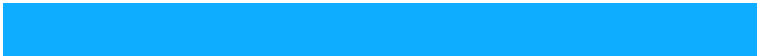
808080

Same Dimension

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



36B8FC



0FADFF



3657FC



70797D



007CBD



00283D

Inverse Universe

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



FC36B8



FF0FAD



FCDB36



7D7079



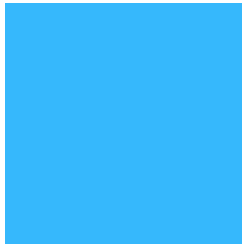
BD007C



3D0028

Previews

White Background



This preview shows how the Hex color 36B8FC looks on a white background.

Color Contrast Check

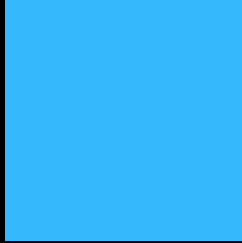
Large Text (above 18pt) WCAG AA × Fail

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 36B8FC 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

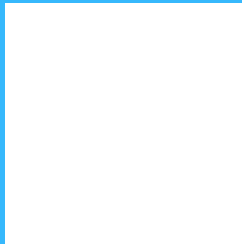
Any Text WCAG AAA ✓ Pass

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

Hex 36B8FC Background



This preview shows how black text looks on a background with the Hex color 36B8FC.

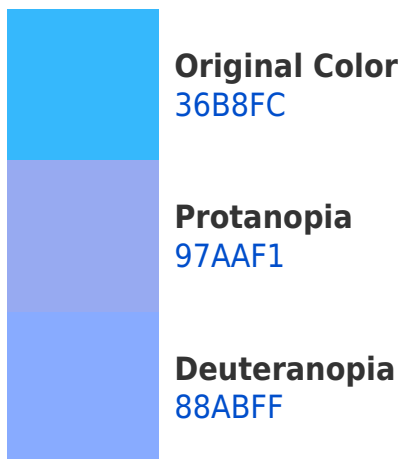


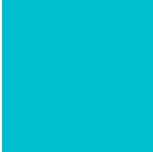
This preview shows how white text looks on a background with the Hex color 36B8FC.

Color Blindness Simulation

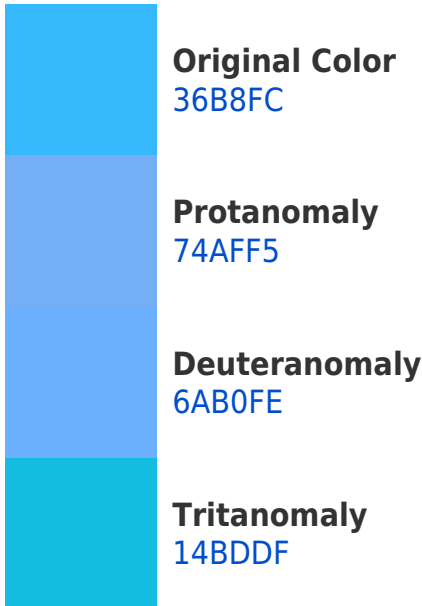
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 36B8FC 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 #36B8FC looks like.

```
.text, #text, p{  
    color:#36B8FC  
}
```

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 #36B8FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36B8FC
}
```

Border

The CSS property to change the border of an element to Hex 36B8FC 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
#36B8FC }
```

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

```
.border{ border-color:#36B8FC }
```

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

Here you see how a box with a 4 pixel #36B8FC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36B8FC; -webkit-box-shadow:4px 4px  
4px 4px #36B8FC; box-shadow:4px 4px 4px  
4px #36B8FC }
```

Background

The CSS property to change the background color of an element to Hex 36B8FC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36B8FC }
```

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

```
.background{ background-color:#36B8FC }
```

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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