

Converting Colors

Hex(3FB1F2)

Have a look what the booklet for
Hex(3FB1F2) contains.

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Color

Hex(3FB1F2)

Conversions

Conversions Part 1

Format	Color
Hex	3FB1F2
RGB	63, 177, 242
RGB Percent	25%, 69%, 95%
CMY	0.7529, 0.3059, 0.0510
CMYK	0.74, 0.27, 0.00, 0.05
HSL	202°, 87%, 60%
HSV	202°, 74%, 95%
XYZ	33.7991, 38.9118, 89.7337
YIQ	150.3240, -88.8090, -3.9530

Conversions

Conversions Part 2

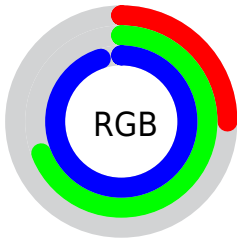
Format	Color
R _Y B	63, 133, 242
Decimal	4174322
CIE Lab	68.69, -10.80, -41.50
CIE LCh	69, 42.880, 255.417
Yxy	38.9118, 0.2081, 0.2395
Android (android.graphics.Color)	4282364402 (0xFF3FB1F2)
YUV	150.3240, 45.1963, -76.5831
Hunter-Lab	62.3794, -12.4471, -41.6241

Details

The Hex color **3FB1F2** is a light color, and the websafe version is hex **3399CC**. The color can be described as light washed azure. A complement of this color would be **F2803F**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **85E9FF**, and **007DBA** is the 20% darker color. If you saturate the color by 10%, you get **27A8F2**, and if you desaturate by 10%, it is **57BAF2**.

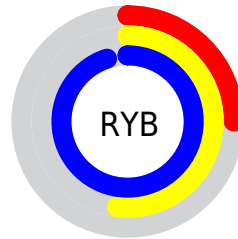
Distribution



Red (25%)

Green (69%)

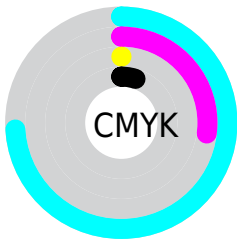
Blue (95%)



Red (25%)

Yellow (52%)

Blue (95%)

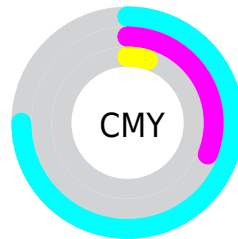


Cyan (74%)

Magenta (27%)

Yellow (0%)

Black (5%)



Cyan (75%)

Magenta (31%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3FB1F2 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 3FB1F2 by changing the saturation by 10% instead.

 3FB1F2

 3FB1F2

FFFFFF

 0096D5

 85E9FF

 007DBA

 A4FFFF

 00649E

 C3FFFF

 004C84

 E2FFFF

 00366A

 002152

 00063A

 000224

 00000C

■ 3FB1F2

■ 3FB1F2

■ 27A8F2

■ 57BAF2

■ 0F9FF2

■ 6FC3F2

■ 009AF2

■ 88CBF2

■ A0D4F2

■ B8DDF2

■ D0E6F2

■ E8EFF2

■ FFF7F2

■ FFFFF2

Harmonies

Analogous

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



00B9DE



3FB1F2



8EA5F2

Triad

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



3FB1F2



F28995



81B570

Complementary

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



3FB1F2



F2803F

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.



ACAC5B



3FB1F2



E99172

Square

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



3FB1F2



E78BBC



D09F5C



4ABB93

Rectangle

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



3FB1F2



B59BE7



D09F5C



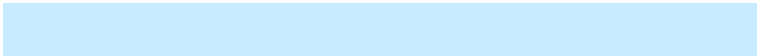
90B267

Sweetspot

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



3FB1F2



C7EBFF



3FF27E



5E7380



000000



808080

Same Dimension

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



3FB1F2



1CADFF



3F5AF2



6C7378



0075B8



002438

Inverse Universe

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



F23FB1



FF1CAD



F2D73F



786C73



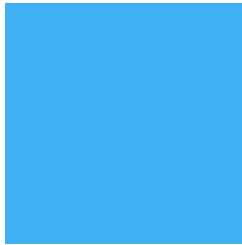
B80075



380024

Previews

White Background



This preview shows how the Hex color 3FB1F2 looks on a white background.

Color Contrast Check

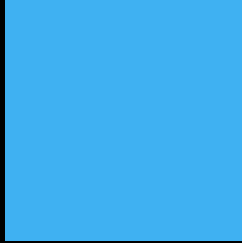
Large Text (above 18pt) WCAG AA × Fail

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 3FB1F2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

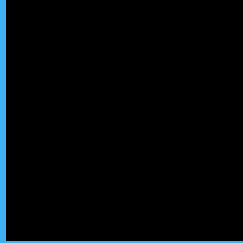
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

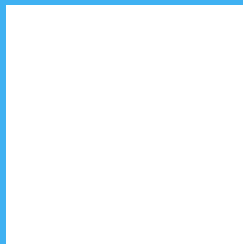
Any Text WCAG AAA ✓ Pass

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

Hex 3FB1F2 Background



This preview shows how black text looks on a background with the Hex color 3FB1F2.

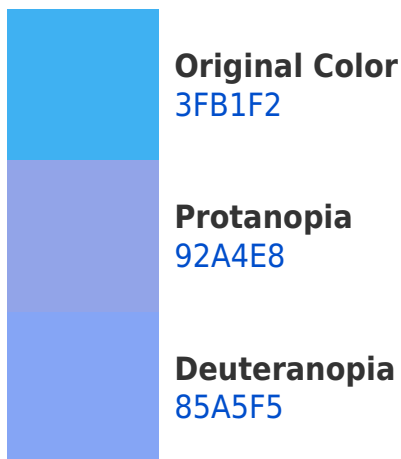


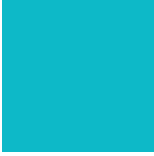
This preview shows how white text looks on a background with the Hex color 3FB1F2.

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](#).

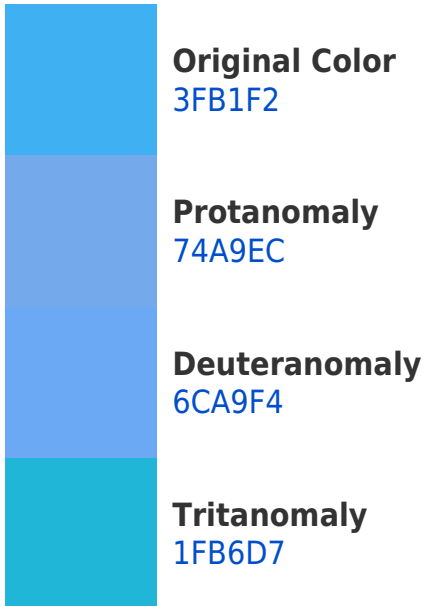
Dichromacy



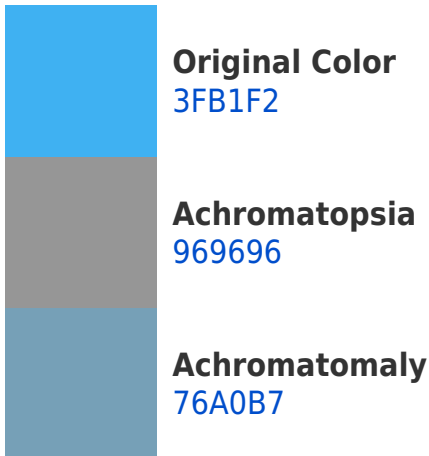


Tritanopia
0DB9C8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3FB1F2 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 #3FB1F2 looks like.

```
.text, #text, p{  
    color:#3FB1F2  
}
```

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 #3FB1F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3FB1F2
}
```

Border

The CSS property to change the border of an element to Hex 3FB1F2 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
#3FB1F2 }
```

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

```
.border{ border-color:#3FB1F2 }
```

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

Here you see how a box with a 4 pixel #3FB1F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3FB1F2; -webkit-box-shadow:4px 4px  
4px 4px #3FB1F2; box-shadow:4px 4px 4px  
4px #3FB1F2 }
```

Background

The CSS property to change the background color of an element to Hex 3FB1F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3FB1F2 }
```

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

```
.background{ background-color:#3FB1F2 }
```

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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