

Converting Colors

Hex(3A70F8)

Have a look what the booklet for
Hex(3A70F8) contains.

Hex(3A70F8)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3A70F8)

Conversions

Conversions Part 1

Format	Color
Hex	3A70F8
RGB	58, 112, 248
RGB Percent	23%, 44%, 97%
CMY	0.7725, 0.5608, 0.0275
CMYK	0.77, 0.55, 0.00, 0.03
HSL	223°, 93%, 60%
HSV	223°, 77%, 97%
XYZ	24.4824, 19.2652, 91.2351
YIQ	111.3580, -75.8400, 30.8480

Conversions

Conversions Part 2

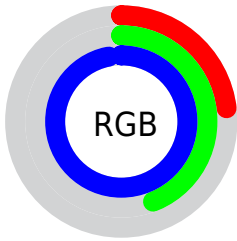
Format	Color
R _Y B	58, 100, 248
Decimal	3830008
CIE Lab	51.00, 29.36, -73.04
CIE LCh	51, 78.720, 291.896
Yxy	19.2652, 0.1814, 0.1427
Android (android.graphics.Color)	4282020088 (0xFF3A70F8)
YUV	111.3580, 67.3645, -46.7950
Hunter-Lab	43.8921, 22.7534, -92.5170

Details

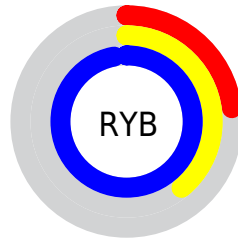
The Hex color **3A70F8** is a dark color, and the websafe version is hex **0066FF**. The color can be described as middle washed azure. A complement of this color would be **F8C23A**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **83A3FF**, and **0041BE** is the 20% darker color. If you saturate the color by 10%, you get **215EF8**, and if you desaturate by 10%, it is **5382F8**.

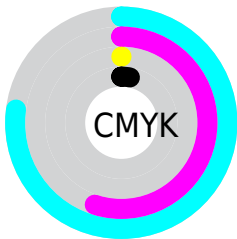
Distribution



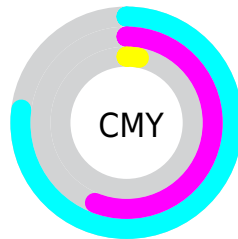
- Red (23%)
- Green (44%)
- Blue (97%)



- Red (23%)
- Yellow (39%)
- Blue (97%)



- Cyan (77%)
- Magenta (55%)
- Yellow (0%)
- Black (3%)



- Cyan (77%)
- Magenta (56%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A70F8 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 3A70F8 by changing the saturation by 10% instead.

■ 3A70F8

■ 3A70F8

FFFFFF

■ 0058DB

■ 83A3FF

■ 0041BE

■ A3BEFF

■ 002DA3

■ C3DAFF

■ 001A88

■ E2F6FF

■ 00016E

■ 000B54

■ 00063C

■ 000225

■ 00010E

■ 3A70F8

■ 3A70F8

■ 215EF8

■ 5382F8

■ 084CF8

■ 6C94F8

■ 0046F8

■ 84A5F8

■ 9DB7F8

■ B6C9F8

■ CFDBF8

■ E8ECF8

■ FFFE8

■ FFFF8

Harmonies

Analogous

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



0088FF



3A70F8



B64ACE

Triad

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



3A70F8



D15000



009564

Complementary

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



3A70F8



F8C23A

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.



009017



3A70F8



A37000

Square

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



3A70F8



EB224C



658500



0096AA

Rectangle

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



3A70F8



DA2AA5



658500



00934D

Sweetspot

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



3A70F8



C4D5FF



3AF8BF



5C6680



000000



808080

Same Dimension

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



3A70F8



1457FF



603AF8



70747D



0036BD



00113D

Inverse Universe

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



F83A70



FF1457



D2F83A



7D7074



BD0036



3D0011

Previews

White Background



This preview shows how the Hex color 3A70F8 looks on a white background.

Color Contrast Check

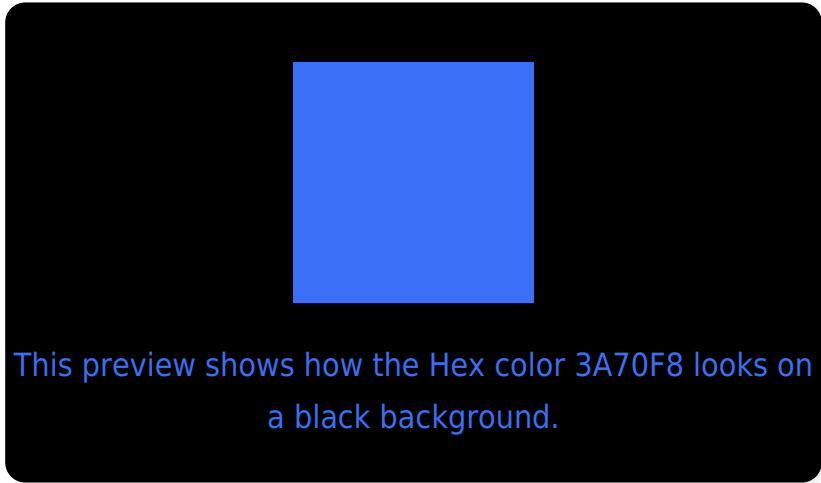
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

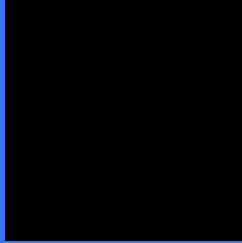
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

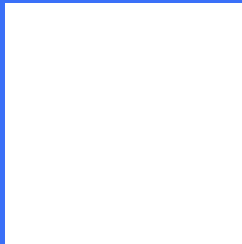
Any Text WCAG AAA × Fail

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

Hex 3A70F8 Background



This preview shows how black text looks on a background with the Hex color 3A70F8.

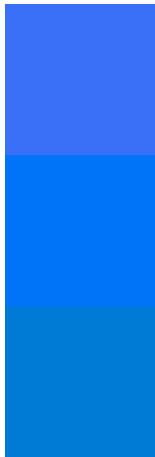


This preview shows how white text looks on a background with the Hex color 3A70F8.

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



Original Color
3A70F8

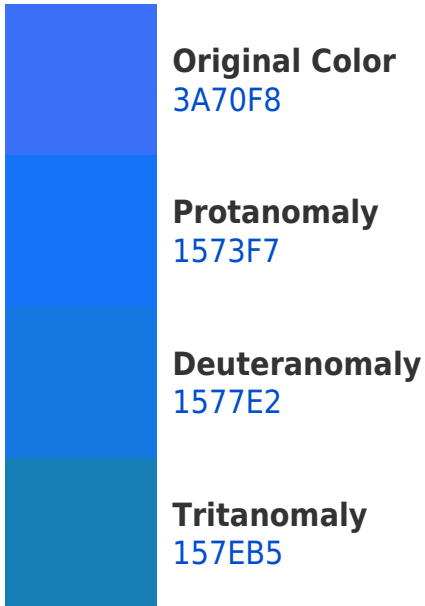
Protanopia
0074F7

Deuteranopia
007BD5



Tritanopia
00868F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3A70F8 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 #3A70F8 looks like.

```
.text, #text, p{  
    color:#3A70F8  
}
```

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 #3A70F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A70F8
}
```

Border

The CSS property to change the border of an element to Hex 3A70F8 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
#3A70F8 }
```

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

```
.border{ border-color:#3A70F8 }
```

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

Here you see how a box with a 4 pixel #3A70F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A70F8; -webkit-box-shadow:4px 4px  
4px 4px #3A70F8; box-shadow:4px 4px 4px  
4px #3A70F8 }
```

Background

The CSS property to change the background color of an element to Hex 3A70F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A70F8 }
```

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

```
.background{ background-color:#3A70F8 }
```

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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