

Converting Colors

Hex(3384F2)

Have a look what the booklet for
Hex(3384F2) contains.

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Color

Hex(3384F2)

Conversions

Conversions Part 1

Format	Color
Hex	3384F2
RGB	51, 132, 242
RGB Percent	20%, 52%, 95%
CMY	0.8000, 0.4824, 0.0510
CMYK	0.79, 0.45, 0.00, 0.05
HSL	215°, 88%, 57%
HSV	215°, 79%, 95%
XYZ	25.6435, 23.6171, 87.2114
YIQ	120.3210, -83.5860, 17.0380

Conversions

Conversions Part 2

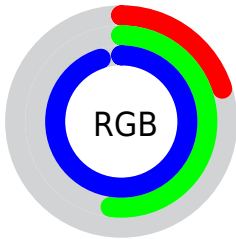
Format	Color
R _Y B	51, 108, 242
Decimal	3376370
CIE Lab	55.70, 14.02, -62.11
CIE LCh	56, 63.676, 282.722
Yxy	23.6171, 0.1879, 0.1731
Android (android.graphics.Color)	4281566450 (0xFF3384F2)
YUV	120.3210, 59.9877, -60.7945
Hunter-Lab	48.5975, 9.1439, -72.3816

Details

The Hex color **3384F2** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle washed azure. A complement of this color would be **F2A133**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **7DB8FF**, and **0054B9** is the 20% darker color. If you saturate the color by 10%, you get **1B76F2**, and if you desaturate by 10%, it is **4B92F2**.

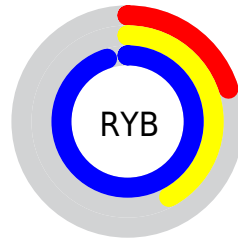
Distribution



Red (20%)

Green (52%)

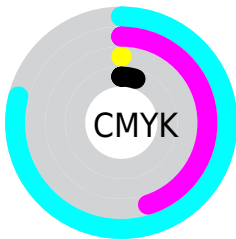
Blue (95%)



Red (20%)

Yellow (42%)

Blue (95%)

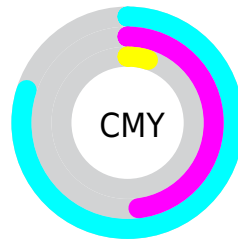


Cyan (79%)

Magenta (45%)

Yellow (0%)

Black (5%)



Cyan (80%)

Magenta (48%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3384F2 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 3384F2 by changing the saturation by 10% instead.

■ 3384F2

■ 3384F2

FFFFFF

■ 006BD5

■ 7DB8FF

■ 0054B9

■ 9DD4FF

■ 003D9E

■ BCF0FF

■ 002983

■ DBFFFF

■ 001669

■ FAFFFF

■ 000A50

■ 000538

■ 000222

■ 000007

■ 3384F2

■ 3384F2

■ 1B76F2

■ 4B92F2

■ 0368F2

■ 63A0F2

■ 0067F2

■ 7CAEF2

■ 94BCF2

■ ACCAF2

■ C4D8F2

■ DCE6F2

■ F5F3F2

■ FFFFF2

Harmonies

Analogous

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



0095EF



3384F2



A56CD7

Triad

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



3384F2



DB5F3C



009D63

Complementary

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



3384F2



F2A133

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.



4A962C



3384F2



BA7708

Square

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



3384F2



E84D70



8A8A00



009F9C

Rectangle

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



3384F2



CB5AB9



8A8A00



009B50

Sweetspot

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



3384F2



C2DCFF



33F29F



5B6A80



000000



808080

Same Dimension

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



3384F2



0D73FF



4033F2



6C7178



004EB8



001838

Inverse Universe

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



F23384



FF0D73



E5F233



786C71



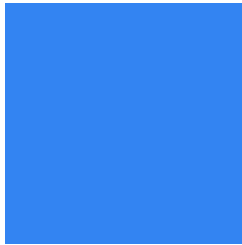
B8004E



380018

Previews

White Background



This preview shows how the Hex color 3384F2 looks on a white background.

Color Contrast Check

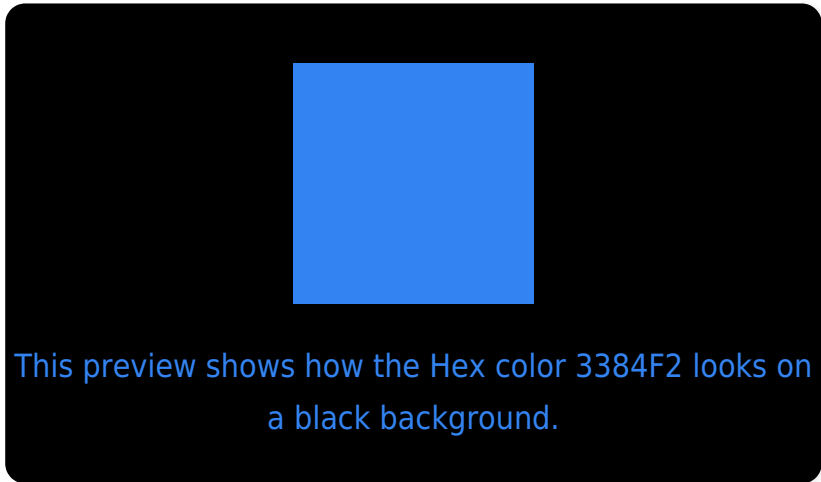
Large Text (above 18pt) WCAG AA ✓ Pass

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

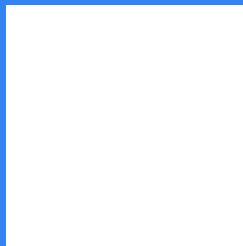
Any Text WCAG AAA × Fail

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

Hex 3384F2 Background



This preview shows how black text looks on a background with the Hex color 3384F2.



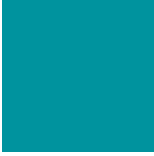
This preview shows how white text looks on a background with the Hex color 3384F2.

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](#).

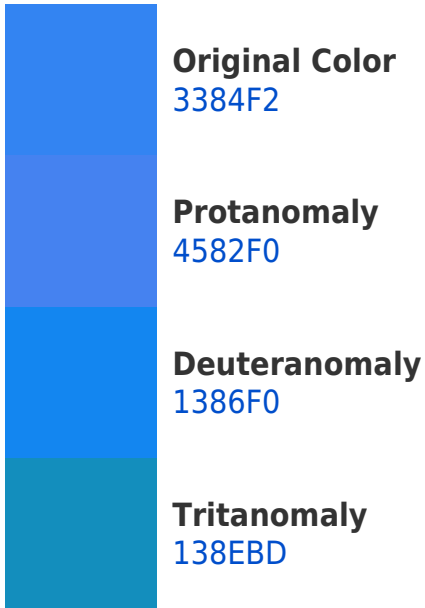
Dichromacy



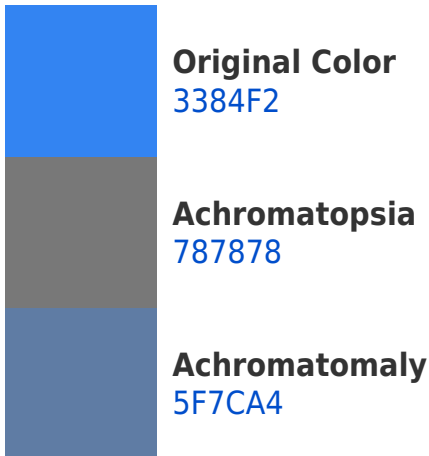


Tritanopia
00939E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3384F2 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 #3384F2 looks like.

```
.text, #text, p{  
    color:#3384F2  
}
```

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 #3384F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3384F2
}
```

Border

The CSS property to change the border of an element to Hex 3384F2 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
#3384F2 }
```

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

```
.border{ border-color:#3384F2 }
```

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

Here you see how a box with a 4 pixel #3384F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3384F2; -webkit-box-shadow:4px 4px  
4px 4px #3384F2; box-shadow:4px 4px 4px  
4px #3384F2 }
```

Background

The CSS property to change the background color of an element to Hex 3384F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3384F2 }
```

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

```
.background{ background-color:#3384F2 }
```

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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