

Converting Colors

Hex(3988F7)

Have a look what the booklet for
Hex(3988F7) contains.

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Color

Hex(3988F7)

Conversions

Conversions Part 1

Format	Color
Hex	3988F7
RGB	57, 136, 247
RGB Percent	22%, 53%, 97%
CMY	0.7765, 0.4667, 0.0314
CMYK	0.77, 0.45, 0.00, 0.03
HSL	215°, 92%, 60%
HSV	215°, 77%, 97%
XYZ	27.2800, 25.1936, 91.4207
YIQ	125.0330, -82.7150, 17.7730

Conversions

Conversions Part 2

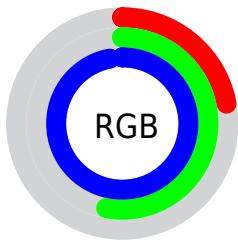
Format	Color
R _Y B	57, 113, 247
Decimal	3770615
CIE Lab	57.26, 14.03, -62.36
CIE LCh	57, 63.921, 282.675
Yxy	25.1936, 0.1896, 0.1751
Android (android.graphics.Color)	4281960695 (0xFF3988F7)
YUV	125.0330, 60.1297, -59.6649
Hunter-Lab	50.1932, 9.1766, -72.8542

Details

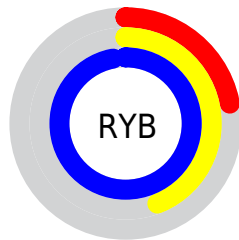
The Hex color **3988F7** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle washed azure. A complement of this color would be **F7A839**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **81BDFF**, and **0057BE** is the 20% darker color. If you saturate the color by 10%, you get **207AF7**, and if you desaturate by 10%, it is **5296F7**.

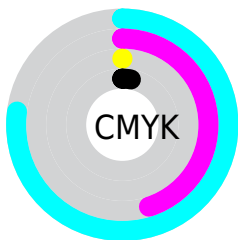
Distribution



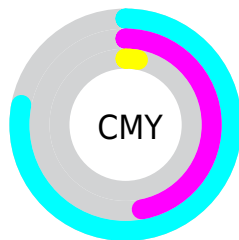
- Red (22%)
- Green (53%)
- Blue (97%)



- Red (22%)
- Yellow (44%)
- Blue (97%)



- Cyan (77%)
- Magenta (45%)
- Yellow (0%)
- Black (3%)



- Cyan (78%)
- Magenta (47%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3988F7 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 3988F7 by changing the saturation by 10% instead.

 3988F7

 3988F7

FFFFFF

 006FDA

 81BDFF

 0057BE

 A1D8FF

 0041A2

 C0F5FF

 002C87

 E0FFFF

 001A6D

 000A54

 00063C

 000225

 00010E

■ 3988F7

■ 3988F7

■ 207AF7

■ 5296F7

■ 086BF7

■ 6AA5F7

■ 0067F7

■ 83B3F7

■ 9CC2F7

■ B4D0F7

■ CDDFF7

■ E6EDF7

■ FFFBF7

■ FFFFF7

Harmonies

Analogous

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



0099F4



3988F7



AA70DC

Triad

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



3988F7



E16340



00A166

Complementary

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



3988F7



F7A839

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.



4F9B2F



3988F7



BF7B0E

Square

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



3988F7



ED5174



8E8E00



00A3A0

Rectangle

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



3988F7



D05EBE



8E8E00



00A053

Sweetspot

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



3988F7



C4DDFF



39F7A8



5C6B80



000000



808080

Same Dimension

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



3988F7



1476FF



4939F7



6E737A



004DBA



00183B

Inverse Universe

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



F73988



FF1476



E7F739



7A6E73



BA004D



3B0018

Previews

White Background



This preview shows how the Hex color 3988F7 looks on a white background.

Color Contrast Check

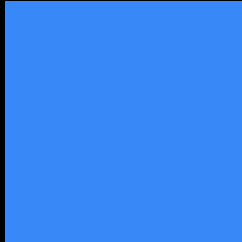
Large Text (above 18pt) WCAG AA ✓ Pass

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 3988F7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

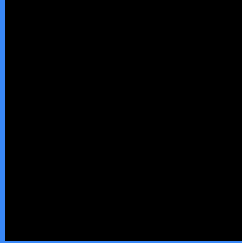
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

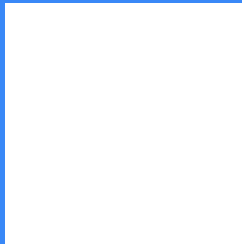
Any Text WCAG AAA × Fail

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

Hex 3988F7 Background



This preview shows how black text looks on a background with the Hex color 3988F7.



This preview shows how white text looks on a background with the Hex color 3988F7.

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
3988F7

Protanopia
5485F4

Deuteranopia
0B8BF6

Trichromacy



Original Color
3988F7

Protanomaly
4A86F5

Deuteranomaly
1C8AF6

Monochromacy



Original Color
3988F7

Achromatopsia
7D7D7D

Achromatomaly
6481A9

CSS Examples

Text

The CSS property to change the color of the text to Hex 3988F7 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 #3988F7 looks like.

```
.text, #text, p{  
    color:#3988F7  
}
```

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 #3988F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3988F7
}
```

Border

The CSS property to change the border of an element to Hex 3988F7 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
#3988F7 }
```

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

```
.border{ border-color:#3988F7 }
```

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

Here you see how a box with a 4 pixel #3988F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3988F7; -webkit-box-shadow:4px 4px  
4px 4px #3988F7; box-shadow:4px 4px 4px  
4px #3988F7 }
```

Background

The CSS property to change the background color of an element to Hex 3988F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3988F7 }
```

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

```
.background{ background-color:#3988F7 }
```

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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