

Converting Colors

Hex(38A0FA)

Have a look what the booklet for
Hex(38A0FA) contains.

Hex(38A0FA)	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>	28

Color

Hex(38A0FA)

Conversions

Conversions Part 1

Format	Color
Hex	38A0FA
RGB	56, 160, 250
RGB Percent	22%, 63%, 98%
CMY	0.7804, 0.3725, 0.0196
CMYK	0.78, 0.36, 0.00, 0.02
HSL	208°, 95%, 60%
HSV	208°, 78%, 98%
XYZ	31.4570, 32.8845, 95.1319
YIQ	139.1640, -90.8740, 5.9420

Conversions

Conversions Part 2

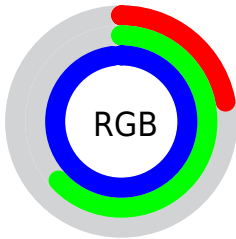
Format	Color
R _Y B	56, 124, 250
Decimal	3711226
CIE Lab	64.07, 0.74, -53.15
CIE LCh	64, 53.157, 270.797
Yxy	32.8845, 0.1973, 0.2062
Android (android.graphics.Color)	4281901306 (0xFF38A0FA)
YUV	139.1640, 54.6421, -72.9348
Hunter-Lab	57.3450, -2.4363, -58.2170

Details

The Hex color **38A0FA** is a light color, and the websafe version is hex **0099FF**. The color can be described as light washed azure. A complement of this color would be **FA9238**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **81D6FF**, and **006DC1** is the 20% darker color. If you saturate the color by 10%, you get **1F94FA**, and if you desaturate by 10%, it is **51ACFA**.

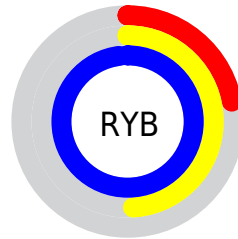
Distribution



Red (22%)

Green (63%)

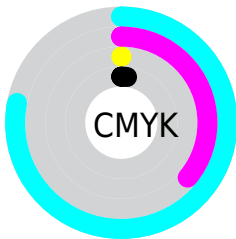
Blue (98%)



Red (22%)

Yellow (49%)

Blue (98%)

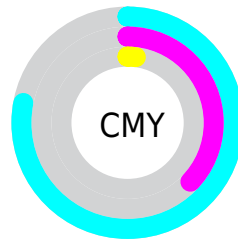


Cyan (78%)

Magenta (36%)

Yellow (0%)

Black (2%)



Cyan (78%)

Magenta (37%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 38A0FA 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 38A0FA by changing the saturation by 10% instead.

 38A0FA

 38A0FA


FFFFFF

 0086DD

 81D6FF

 006DC1

 A1F3FF

 0055A5

 C1FFFF

 003F8B

 E0FFFF

 002A71

 001658

 00073F

 000329

 000112

■ 38A0FA

■ 38A0FA

■ 1F94FA

■ 51ACFA

■ 0689FA

■ 6AB7FA

■ 0086FA

■ 83C3FA

■ 9CCEFA

■ B5DAFA

■ CEE6FA

■ E7F1FA

■ FFFDFA

■ FFFFFA

Harmonies

Analogous

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



00ACED



38A0FA



9F8EED

Triad

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



38A0FA



F0776D



43AF6B

Complementary

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



38A0FA



FA9238

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.



84A745



38A0FA



DA8848

Square

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



38A0FA



F0719C



B59937



00B39B

Rectangle

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



38A0FA



C781D8



B59937



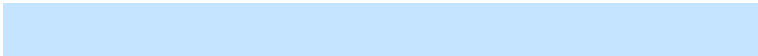
5DAD5D

Sweetspot

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



38A0FA



C4E4FF



38FA8F



5C6F80



000000



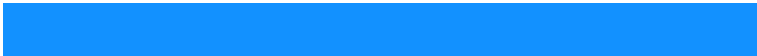
808080

Same Dimension

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



38A0FA



1291FF



3842FA



70777D



0065BD



00213D

Inverse Universe

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



FA38A0



FF1291



FAF038



7D7077



BD0065



3D0021

Previews

White Background



This preview shows how the Hex color 38A0FA looks on a white background.

Color Contrast Check

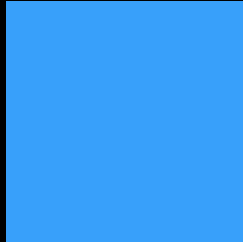
Large Text (above 18pt) WCAG AA × Fail

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 38A0FA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

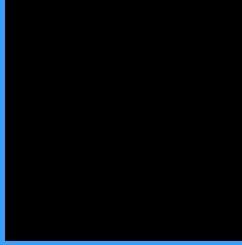
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

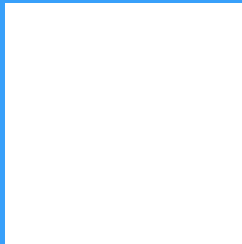
Any Text WCAG AAA ✓ Pass

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

Hex 38A0FA Background



This preview shows how black text looks on a background with the Hex color 38A0FA.



This preview shows how white text looks on a background with the Hex color 38A0FA.

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



Original Color
38A0FA

Protanomaly
619AF5

Deuteranomaly
509DFB

Monochromacy



Original Color
38A0FA

Achromatopsia
8B8B8B

Achromatomaly
6D93B3

CSS Examples

Text

The CSS property to change the color of the text to Hex 38A0FA 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 #38A0FA looks like.

```
.text, #text, p{  
    color:#38A0FA  
}
```

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 #38A0FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38A0FA
}
```

Border

The CSS property to change the border of an element to Hex 38A0FA 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
#38A0FA }
```

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

```
.border{ border-color:#38A0FA }
```

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

Here you see how a box with a 4 pixel #38A0FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38A0FA; -webkit-box-shadow:4px 4px  
4px 4px #38A0FA; box-shadow:4px 4px 4px  
4px #38A0FA }
```

Background

The CSS property to change the background color of an element to Hex 38A0FA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38A0FA }
```

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

```
.background{ background-color:#38A0FA }
```

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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