

Converting Colors

Hex(38AAFC)

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

Hex(38AAFC)	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(38AAFC)

Conversions

Conversions Part 1

Format	Color
Hex	38AAFC
RGB	56, 170, 252
RGB Percent	22%, 67%, 99%
CMY	0.7804, 0.3333, 0.0118
CMYK	0.78, 0.33, 0.00, 0.01
HSL	205°, 97%, 60%
HSV	205°, 78%, 99%
XYZ	33.5763, 36.6185, 97.3939
YIQ	145.2620, -94.2660, 1.3340

Conversions

Conversions Part 2

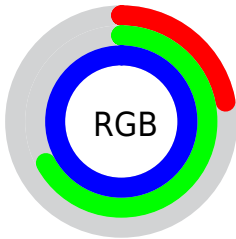
Format	Color
R_{YB}	56, 128, 252
Decimal	3713788
CIE _{Lab}	66.99, -4.26, -49.62
CIE _{LCh}	67, 49.799, 265.094
Yxy	36.6185, 0.2003, 0.2185
Android (android.graphics.Color)	4281903868 (0xFF38AAFC)
YUV	145.2620, 52.6218, -78.2828
Hunter-Lab	60.5132, -6.8558, -53.0659

Details

The Hex color **38AAFC** 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 **FC8A38**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **82E1FF**, and **0076C3** is the 20% darker color. If you saturate the color by 10%, you get **1F9FFC**, and if you desaturate by 10%, it is **51B5FC**.

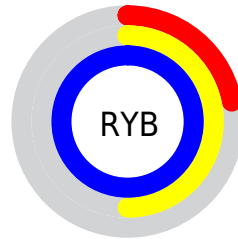
Distribution



Red (22%)

Green (67%)

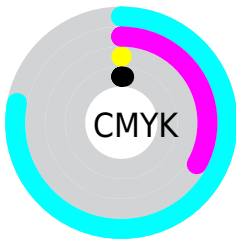
Blue (99%)



Red (22%)

Yellow (50%)

Blue (99%)

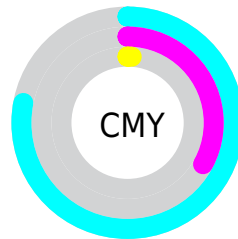


Cyan (78%)

Magenta (33%)

Yellow (0%)

Black (1%)



Cyan (78%)

Magenta (33%)

Yellow (1%)

Brightness & Saturation Gradients

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

 38AAFC

 38AAFC

FFFFFF

 0090DF

 82E1FF

 0076C3

 A2FEFF

 005EA7

 C1FFFF

 00478D

 E1FFFF

 003173

 001D59

 000742

 00032A

 000115

■ 38AAFC

■ 38AAFC

■ 1F9FFC

■ 51B5FC

■ 0695FC

■ 6ABFFC

■ 0093FC

■ 84CAFC

■ 9DD4FC

■ B6DFFC

■ CFE9FC

■ E8F4FC

■ FFFEFC

■ FFFFFC

Harmonies

Analogous

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



00B4EC



38AAFC



9A9AF4

Triad

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



38AAFC



F6807F



61B56E

Complementary

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



38AAFC



FC8A38

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.



98AC4E



38AAFC



E58E5B

Square

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



38AAFC



F27EAC



C49E47



00B99A

Rectangle

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



38AAFC



C38EE3



C49E47



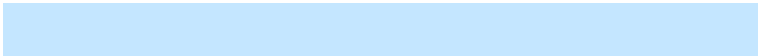
75B261

Sweetspot

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



38AAFC



C4E6FF



38FC8A



5C7180



000000



808080

Same Dimension

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



38AAFC



129CFF



3848FC



70787D



006EBD



00243D

Inverse Universe

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



FC38AA



FF129C



FCEC38



7D7078



BD006E



3D0024

Previews

White Background



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

Color Contrast Check

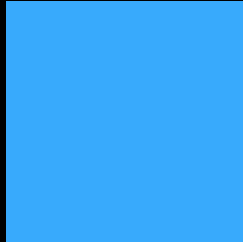
Large Text (above 18pt) WCAG AA × Fail

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 38AAFC 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

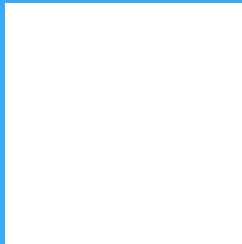
Any Text WCAG AAA ✓ Pass

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

Hex 38AAFC Background



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



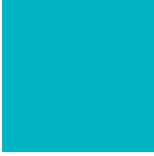
This preview shows how white text looks on a background with the Hex color 38AAFC.

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](#).

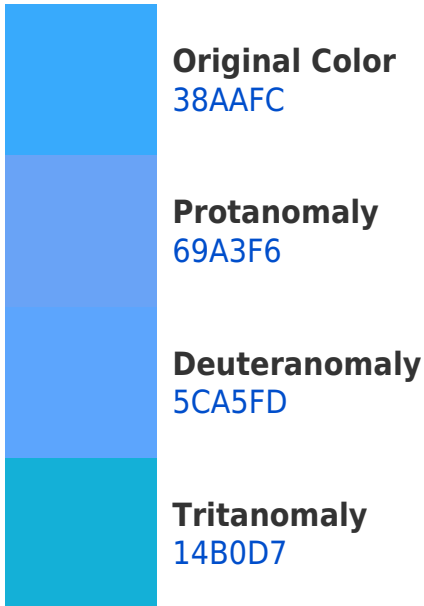
Dichromacy



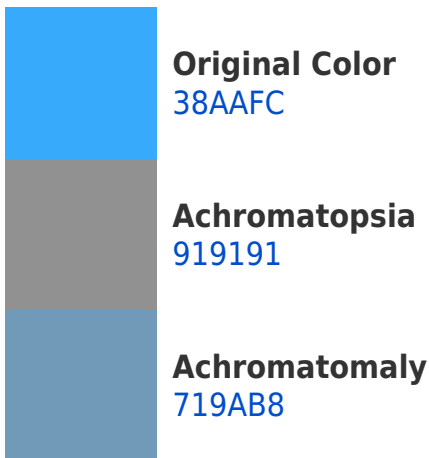


Tritanopia
00B4C2

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #38AAFC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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