

Converting Colors

Hex(38CFEA)

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

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Color

Hex(38CFEA)

Conversions

Conversions Part 1

Format	Color
Hex	38CFEA
RGB	56, 207, 234
RGB Percent	22%, 81%, 92%
CMY	0.7804, 0.1882, 0.0824
CMYK	0.76, 0.12, 0.00, 0.08
HSL	189°, 81%, 57%
HSV	189°, 76%, 92%
XYZ	38.7950, 51.4069, 85.7197
YIQ	164.9290, -98.6630, -23.6150

Conversions

Conversions Part 2

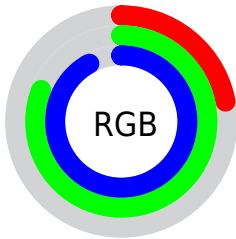
Format	Color
RYB	56, 138, 234
Decimal	3723242
CIELab	76.92, -29.64, -24.46
CIELCh	77, 38.432, 219.524
Yxy	51.4069, 0.2205, 0.2922
Android (android.graphics.Color)	4281913322 (0xFF38CFEA)
YUV	164.9290, 34.0520, -95.5307
Hunter-Lab	71.6986, -28.8890, -20.6955

Details

The Hex color **38CFEA** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **EA5338**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **81FFFF**, and **0098B2** is the 20% darker color. If you saturate the color by 10%, you get **21CBEA**, and if you desaturate by 10%, it is **4FD3EA**.

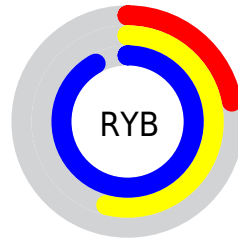
Distribution



Red (22%)

Green (81%)

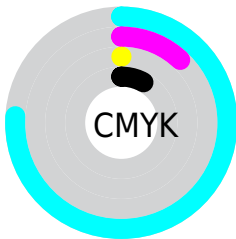
Blue (92%)



Red (22%)

Yellow (54%)

Blue (92%)

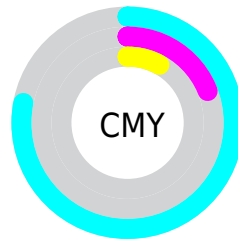


Cyan (76%)

Magenta (12%)

Yellow (0%)

Black (8%)



Cyan (78%)

Magenta (19%)

Yellow (8%)

Brightness & Saturation Gradients

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

 38CFEA

 38CFEA

FFFFFF

 00B3CE

 81FFFF

 0098B2

 A1FFFF

 007E97

 C1FFFF

 00657D

 E0FFFF

 004C64

 00354C

 002235

 000220

 000005

 38CFEA

 38CFEA

 21CBEA

 4FD3EA

 09C8EA

 67D6EA

 00C7EA

 7EDAEA

 96DDEA

 ADE1EA

 C4E4EA

 DCE8EA

 F3EBEA

 FFEFEA

Harmonies

Analogous

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



4BD1C8



38CFEA



64C8FF

Triad

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



38CFEA



F4A6D8



CBBF77

Complementary

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



38CFEA



EA5338

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.



EBB37C



38CFEA



FFA3B4

Square

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



38CFEA



D1B1F5



FFA892



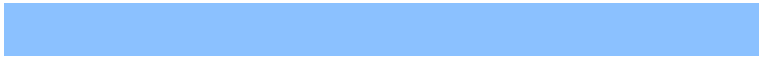
A4C986

Rectangle

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



38CFEA



8BC1FF



FFA892



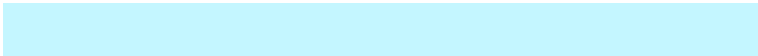
D6BC76

Sweetspot

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



38CFEA



C4F6FF



38EA53



5C7A80



000000



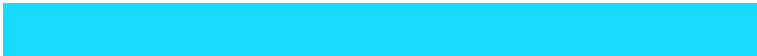
808080

Same Dimension

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



38CFEA



17DCFF



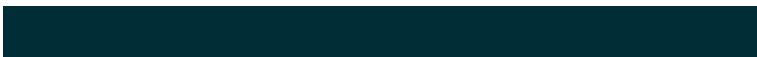
3876EA



6A7475



009AB5



002D36

Inverse Universe

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



EA38CF



FF17DC



EAAC38



756A74



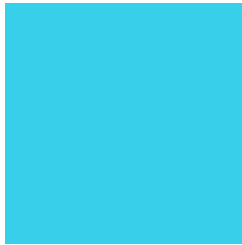
B5009A



36002D

Previews

White Background



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

Color Contrast Check

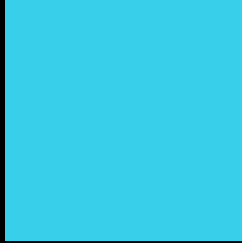
Large Text (above 18pt) WCAG AA × Fail

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 38CFEA 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 38CFEA Background



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



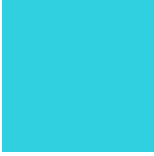
This preview shows how white text looks on a background with the Hex color 38CFEA.

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](#).

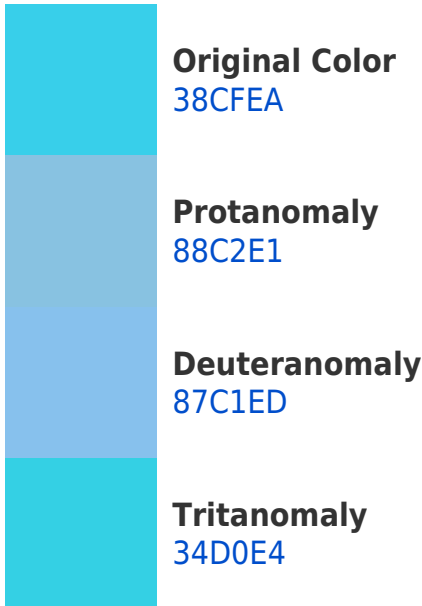
Dichromacy



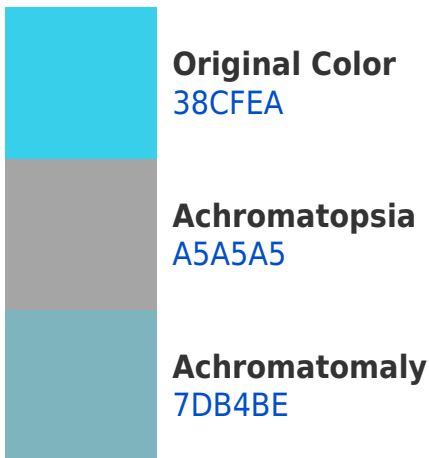


Tritanopia
31D0E1

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #38CFEA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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