

Converting Colors

Hex(38C5EB)

Have a look what the booklet for
Hex(38C5EB) contains.

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Color

Hex(38C5EB)

Conversions

Conversions Part 1

Format	Color
Hex	38C5EB
RGB	56, 197, 235
RGB Percent	22%, 77%, 92%
CMY	0.7804, 0.2275, 0.0784
CMYK	0.76, 0.16, 0.00, 0.08
HSL	193°, 82%, 57%
HSV	193°, 76%, 92%
XYZ	36.5925, 46.7714, 85.6964
YIQ	159.1730, -96.2340, -18.0740

Conversions

Conversions Part 2

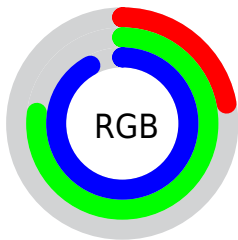
Format	Color
RYB	56, 135, 235
Decimal	3720683
CIELab	74.04, -24.38, -29.41
CIELCh	74, 38.201, 230.341
Yxy	46.7714, 0.2164, 0.2767
Android (android.graphics.Color)	4281910763 (0xFF38C5EB)
YUV	159.1730, 37.3827, -90.4827
Hunter-Lab	68.3896, -24.1737, -26.4213

Details

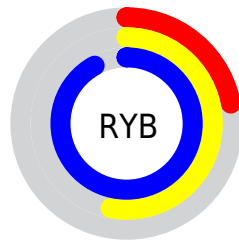
The Hex color **38C5EB** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **EB5E38**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **81FEFF**, and **008FB3** is the 20% darker color. If you saturate the color by 10%, you get **21C0EB**, and if you desaturate by 10%, it is **4FCAEB**.

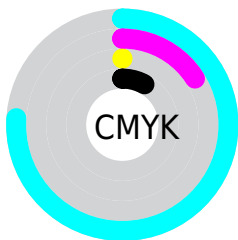
Distribution



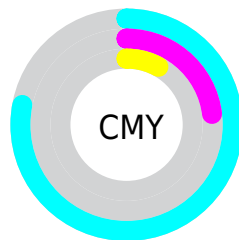
- Red (22%)
- Green (77%)
- Blue (92%)



- Red (22%)
- Yellow (53%)
- Blue (92%)



- Cyan (76%)
- Magenta (16%)
- Yellow (0%)
- Black (8%)



- Cyan (78%)
- Magenta (23%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 38C5EB 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 38C5EB by changing the saturation by 10% instead.

 38C5EB

 38C5EB

FFFFFF

 00AACF

 81FEFF

 008FB3

 A0FFFF

 007598

 C0FFFF

 005C7E

 DFFFFFF

 004465

FEFFFF

 002E4D

 001936

 000220

 000005

 38C5EB

 38C5EB

 21C0EB

 4FCAEB

 09BBEB

 67CFEB

 00B9EB

 7ED4EB

 96D9EB

 AEDEEB

 C5E3EB

 DDE8EB

 F4EDEB

 FFF2EB

Harmonies

Analogous

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



33C9CD



38C5EB



71BDFB

Triad

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



38C5EB



F39CC3



B5BB73

Complementary

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



38C5EB



EB5E38

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.



D8B071



38C5EB



FB9C9F

Square

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



38C5EB



D7A5E3



F0A481



8DC488

Rectangle

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



38C5EB



98B5FB



F0A481



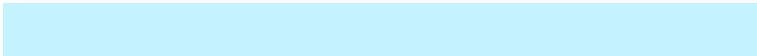
C1B870

Sweetspot

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



38C5EB



C4F3FF



38EB5C



5C7880



000000



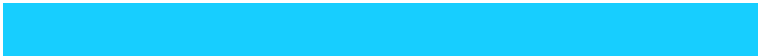
808080

Same Dimension

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



38C5EB



17CEFF



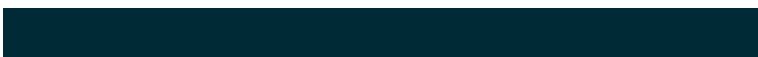
386EEB



6A7375



008FB5



002A36

Inverse Universe

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



EB38C5



FF17CE



EBB538



756A73



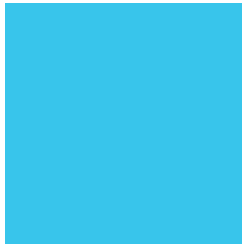
B5008F



36002A

Previews

White Background



This preview shows how the Hex color 38C5EB looks on a white background.

Color Contrast Check

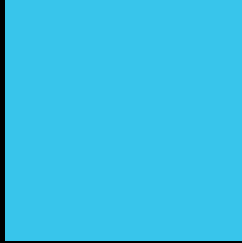
Large Text (above 18pt) WCAG AA × Fail

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 38C5EB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

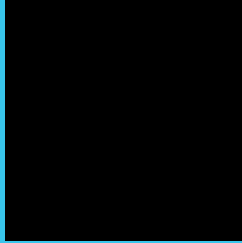
Any Text WCAG AA ✓ Pass

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 38C5EB Background



This preview shows how black text looks on a background with the Hex color 38C5EB.

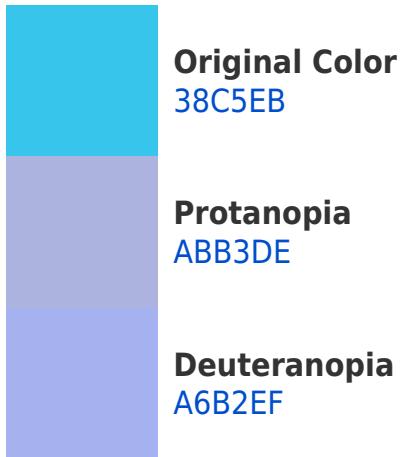


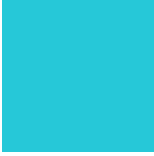
This preview shows how white text looks on a background with the Hex color 38C5EB.

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
26C8D8

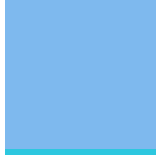
Trichromacy



Original Color
38C5EB



Protanomaly
81BAE3



Deuteranomaly
7EB9EE



Tritanomaly
2DC7DF

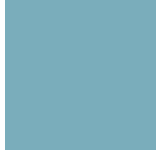
Monochromacy



Original Color
38C5EB



Achromatopsia
9F9F9F



Achromatomaly
7AADBB

CSS Examples

Text

The CSS property to change the color of the text to Hex 38C5EB 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 #38C5EB looks like.

```
.text, #text, p{  
    color:#38C5EB  
}
```

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 #38C5EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38C5EB
}
```

Border

The CSS property to change the border of an element to Hex 38C5EB 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
#38C5EB }
```

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

```
.border{ border-color:#38C5EB }
```

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

Here you see how a box with a 4 pixel #38C5EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38C5EB; -webkit-box-shadow:4px 4px  
4px 4px #38C5EB; box-shadow:4px 4px 4px  
4px #38C5EB }
```

Background

The CSS property to change the background color of an element to Hex 38C5EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38C5EB }
```

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

```
.background{ background-color:#38C5EB }
```

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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