

Converting Colors

Hex(38C7EC)

Have a look what the booklet for
Hex(38C7EC) contains.

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Color

Hex(38C7EC)

Conversions

Conversions Part 1

Format	Color
Hex	38C7EC
RGB	56, 199, 236
RGB Percent	22%, 78%, 93%
CMY	0.7804, 0.2196, 0.0745
CMYK	0.76, 0.16, 0.00, 0.07
HSL	192°, 83%, 57%
HSV	192°, 76%, 93%
XYZ	37.1946, 47.7437, 86.6120
YIQ	160.4610, -97.1050, -18.8090

Conversions

Conversions Part 2

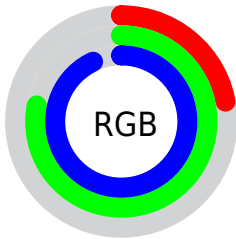
Format	Color
R _{YB}	56, 136, 236
Decimal	3721196
CIE Lab	74.66, -25.07, -29.00
CIE LCh	75, 38.329, 229.156
Yxy	47.7437, 0.2168, 0.2783
Android (android.graphics.Color)	4281911276 (0xFF38C7EC)
YUV	160.4610, 37.2407, -91.6123
Hunter-Lab	69.0968, -24.8334, -25.9514

Details

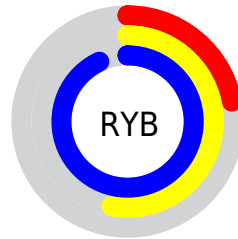
The Hex color **38C7EC** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **EC5D38**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **81FFFF**, and **0091B4** is the 20% darker color. If you saturate the color by 10%, you get **20C2EC**, and if you desaturate by 10%, it is **50CCEC**.

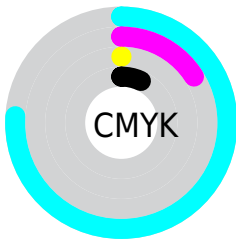
Distribution



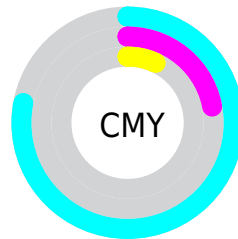
- Red (22%)
- Green (78%)
- Blue (93%)



- Red (22%)
- Yellow (53%)
- Blue (93%)



- Cyan (76%)
- Magenta (16%)
- Yellow (0%)
- Black (7%)



- Cyan (78%)
- Magenta (22%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 38C7EC 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 38C7EC by changing the saturation by 10% instead.

 38C7EC

 38C7EC

FFFFFF

 00ACD0

 81FFFF

 0091B4

 A1FFFF

 007799

 C0FFFF

 005E7F

 DFFFFF

 004666

FEFFFF

 002F4E

 001B37

 000221

 000006

 38C7EC

 38C7EC

 20C2EC

 50CCEC

 09BDEC

 67D1EC

 00BBEC

 7FD6EC

 96DAEC

 AEDFEC

 C6E4EC

 DDE9EC

 F5EEEC

 FFF3EC

Harmonies

Analogous

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



37CBCE



38C7EC



70BFFC

Triad

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



38C7EC



F49EC6



B8BD74

Complementary

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



38C7EC



EC5D38

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.



DBB172



38C7EC



FD9DA2

Square

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



38C7EC



D8A7E6



F3A584



90C588

Rectangle

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



38C7EC



97B7FD



F3A584



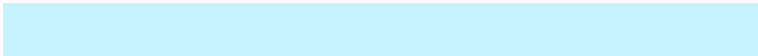
C5B971

Sweetspot

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



38C7EC



C4F3FF



38EC5C



5C7880



000000



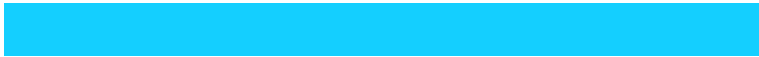
808080

Same Dimension

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



38C7EC



14CFFF



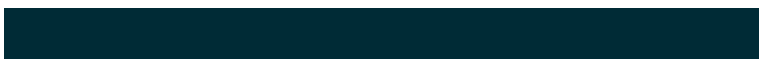
386EEC



6A7375



0090B5



002B36

Inverse Universe

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



EC38C7



FF14CF



ECB638



756A73



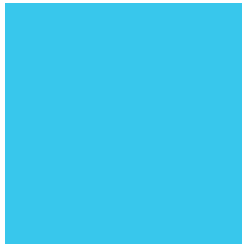
B50090



36002B

Previews

White Background



This preview shows how the Hex color 38C7EC looks on a white background.

Color Contrast Check

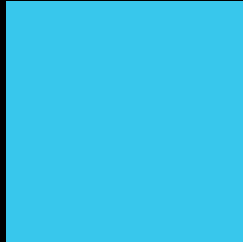
Large Text (above 18pt) WCAG AA × Fail

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 38C7EC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

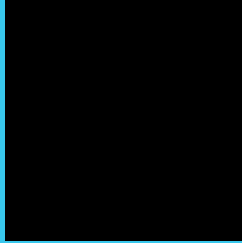
Any Text WCAG AA ✓ Pass

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 38C7EC Background



This preview shows how black text looks on a background with the Hex color 38C7EC.

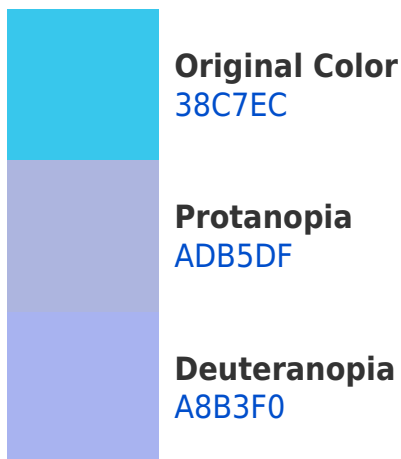


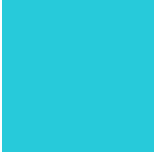
This preview shows how white text looks on a background with the Hex color 38C7EC.

Color Blindness Simulation

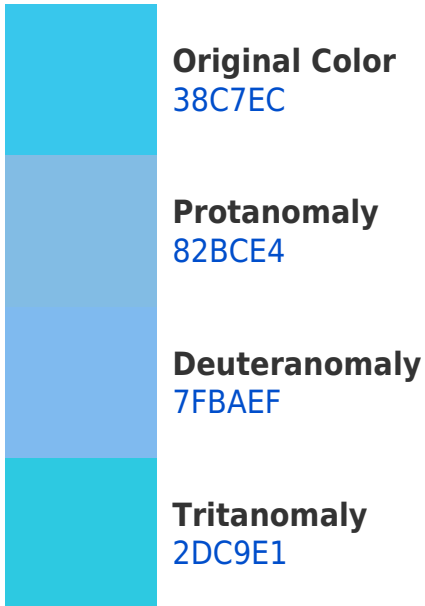
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

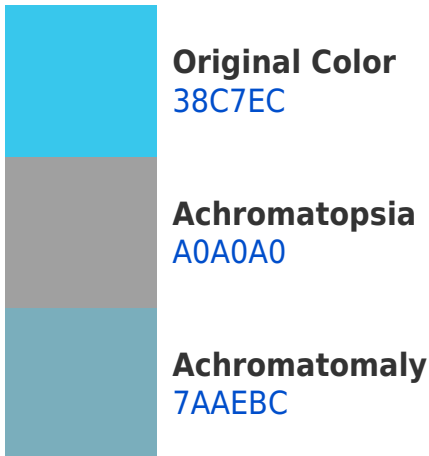




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 38C7EC 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 #38C7EC looks like.

```
.text, #text, p{  
    color:#38C7EC  
}
```

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 #38C7EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38C7EC  
}
```

Border

The CSS property to change the border of an element to Hex 38C7EC 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  
#38C7EC }
```

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

```
.border{ border-color:#38C7EC }
```

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

Here you see how a box with a 4 pixel #38C7EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38C7EC; -webkit-box-shadow:4px 4px  
4px 4px #38C7EC; box-shadow:4px 4px 4px  
4px #38C7EC }
```

Background

The CSS property to change the background color of an element to Hex 38C7EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38C7EC }
```

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

```
.background{ background-color:#38C7EC }
```

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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