

Converting Colors

Hex(38E2CF)

Have a look what the booklet for
Hex(38E2CF) contains.

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Color

Hex(38E2CF)

Conversions

Conversions Part 1

Format	Color
Hex	38E2CF
RGB	56, 226, 207
RGB Percent	22%, 89%, 81%
CMY	0.7804, 0.1137, 0.1882
CMYK	0.75, 0.00, 0.08, 0.11
HSL	173°, 75%, 55%
HSV	173°, 75%, 89%
XYZ	40.0897, 59.7385, 68.4492
YIQ	173.0040, -95.2210, -41.9490

Conversions

Conversions Part 2

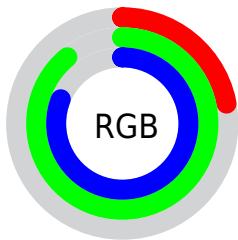
Format	Color
RYB	56, 146, 226
Decimal	3728079
CIELab	81.70, -46.13, -2.89
CIELCh	82, 46.219, 183.583
Yxy	59.7385, 0.2382, 0.3550
Android (android.graphics.Color)	4281918159 (0xFF38E2CF)
YUV	173.0040, 16.7600, -102.6125
Hunter-Lab	77.2907, -42.6729, 1.5958

Details

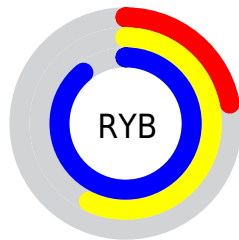
The Hex color **38E2CF** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **E2384B**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **81FFFF**, and **00AA99** is the 20% darker color. If you saturate the color by 10%, you get **21E2CC**, and if you desaturate by 10%, it is **4FE2D2**.

Distribution



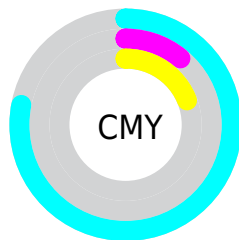
- Red (22%)
- Green (89%)
- Blue (81%)



- Red (22%)
- Yellow (57%)
- Blue (89%)



- Cyan (75%)
- Magenta (0%)
- Yellow (8%)
- Black (11%)



- Cyan (78%)
- Magenta (11%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 38E2CF 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 38E2CF by changing the saturation by 10% instead.

 38E2CF

 38E2CF

FFFFFF

 00C6B4

 81FFFF

 00AA99

 A1FFFF

 008F7F

 C0FFFF

 007466

 DFFFFF

 005B4E

 004237

 002C22

 000C0D

 000000

 38E2CF

 38E2CF

 21E2CC

 4FE2D2

 0BE2CA

 65E2D4

 00E2C9

 7CE2D7

 92E2D9

 A9E2DC

 C0E2DE

 D6E2E1

 EDE2E3

 FFE2E6

Harmonies

Analogous

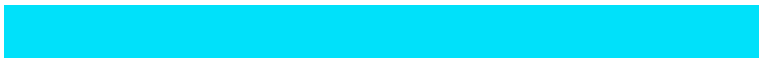
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



7FDFA3



38E2CF



00E1FA

Triad

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



38E2CF



D7BEFF



FFBB7E

Complementary

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



38E2CF



E2384B

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.



FFAE9D



38E2CF



FFAFF2

Square

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



38E2CF



92CEFF



FFA9C7



E2CA73

Rectangle

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



38E2CF



00DDFF



FFA9C7



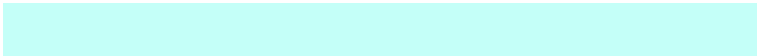
FFB687

Sweetspot

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



38E2CF



C4FFF8



4CE238



5C807C



000000



808080

Same Dimension

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



38E2CF



19FFE5



38A1E2



65706F



00B09C



00302B

Inverse Universe

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



E2384B



FF1933



E27938



706566



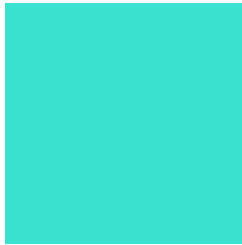
B00014



300005

Previews

White Background



This preview shows how the Hex color 38E2CF looks on a white background.

Color Contrast Check

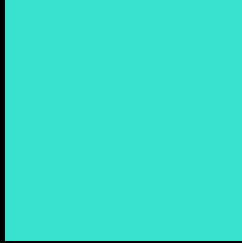
Large Text (above 18pt) WCAG AA × Fail

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 38E2CF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

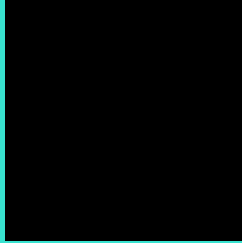
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

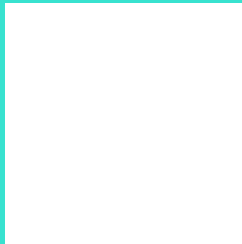
Any Text WCAG AAA ✓ Pass

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

Hex 38E2CF Background



This preview shows how black text looks on a background with the Hex color 38E2CF.



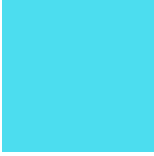
This preview shows how white text looks on a background with the Hex color 38E2CF.

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



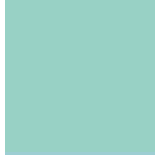


Tritanopia
4CDDEF

Trichromacy



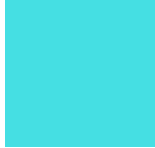
Original Color
38E2CF



Protanomaly
98D1C5



Deuteranomaly
9DCED3



Tritanomaly
45DFE3

Monochromacy



Original Color
38E2CF



Achromatopsia
ADADAD



Achromatomaly
82C0B9

CSS Examples

Text

The CSS property to change the color of the text to Hex 38E2CF 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 #38E2CF looks like.

```
.text, #text, p{  
    color:#38E2CF  
}
```

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 #38E2CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38E2CF
}
```

Border

The CSS property to change the border of an element to Hex 38E2CF 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
#38E2CF }
```

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

```
.border{ border-color:#38E2CF }
```

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

Here you see how a box with a 4 pixel #38E2CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38E2CF; -webkit-box-shadow:4px 4px  
4px 4px #38E2CF; box-shadow:4px 4px 4px  
4px #38E2CF }
```

Background

The CSS property to change the background color of an element to Hex 38E2CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38E2CF }
```

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

```
.background{ background-color:#38E2CF }
```

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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