

# Converting Colors

Hex(38E3CB)

Have a look what the booklet for  
Hex(38E3CB) contains.

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**Color**

**Hex(38E3CB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	38E3CB
RGB	56, 227, 203
RGB Percent	22%, 89%, 80%
CMY	0.7804, 0.1098, 0.2039
CMYK	0.75, 0.00, 0.11, 0.11
HSL	172°, 75%, 55%
HSV	172°, 75%, 89%
XYZ	39.8795, 60.0907, 65.9967
YIQ	173.1350, -94.2120, -43.7160

# Conversions

## Conversions Part 2

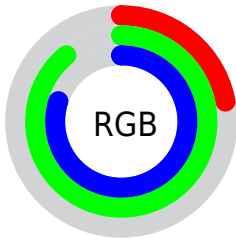
Format	Color
R <sub>YB</sub>	56, 148, 227
Decimal	3728331
CIE <sub>Lab</sub>	81.89, -47.61, -0.49
CIE <sub>LCh</sub>	82, 47.614, 180.586
Y <sub>xy</sub>	60.0907, 0.2403, 0.3621
Android (android.graphics.Color)	4281918411 (0xFF38E3CB)
YUV	173.1350, 14.7234, -102.7274
Hunter-Lab	77.5182, -43.8270, 3.7850

# Details

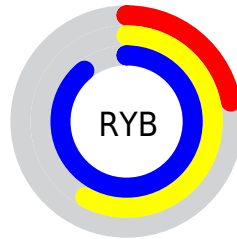
The Hex color **38E3CB** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **E33850**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **81FFFF**, and **00AB95** is the 20% darker color. If you saturate the color by 10%, you get **21E3C8**, and if you desaturate by 10%, it is **4FE3CE**.

# Distribution



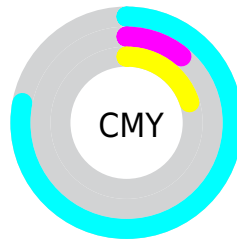
- Red (22%)
- Green (89%)
- Blue (80%)



- Red (22%)
- Yellow (58%)
- Blue (89%)



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



- Cyan (78%)
- Magenta (11%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 38E3CB 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 38E3CB by changing the saturation by 10% instead.



 38E3CB

 38E3CB

FFFFFF

 00C7B0

 81FFFF

 00AB95

 A1FFFF

 00907B

 C0FFFF

 007562

 DFFFFF

 005B4B

FEFFFF

 004334

 002D1F

 000D08

 000000

 38E3CB

 38E3CB

 21E3C8

 4FE3CE

 0BE3C5

 65E3D1

 00E3C3

 7CE3D5

 93E3D8

 A9E3DB

 C0E3DE

 D7E3E1

 EEE3E4

 FFE3E8

# Harmonies

## Analogous

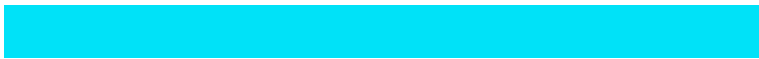
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82DF9E



38E3CB



00E2F8

# Triad

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



38E3CB



D1C0FF



FFBA7F

# Complementary

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



38E3CB



E33850

# 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.



FFACA0



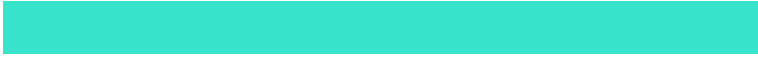
38E3CB



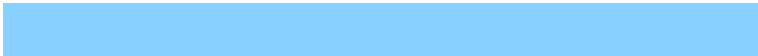
FFB0F8

# Square

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



38E3CB



88D0FF



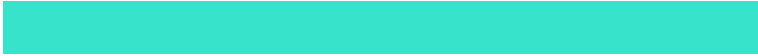
FFA8CC



E7C971

# Rectangle

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



38E3CB



00DEFF



FFA8CC



FFB488

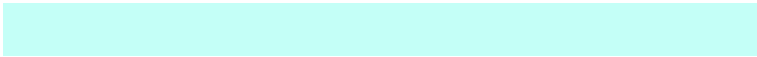


# Sweetspot

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



38E3CB



C4FFF7



52E338



5C807A



000000



808080



# Same Dimension

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



38E3CB



19FFDF



38A7E3



677371



00B399



00332C



# Inverse Universe

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



E33850



FF193A



E37438



736769



B30019

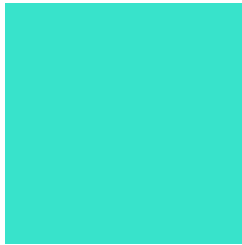


330007



# Previews

## White Background



This preview shows how the Hex color 38E3CB looks on a white background.

## Color Contrast Check

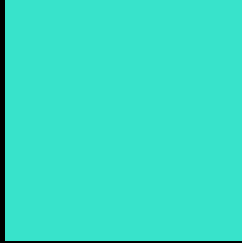
Large Text (above 18pt) WCAG AA × Fail

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 38E3CB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

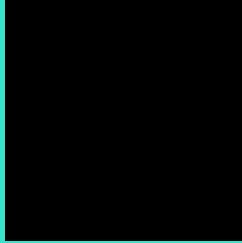
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

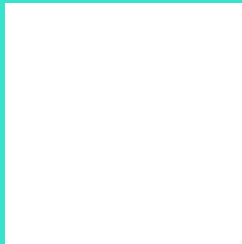
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 38E3CB Background



This preview shows how black text looks on a background with the Hex color 38E3CB.

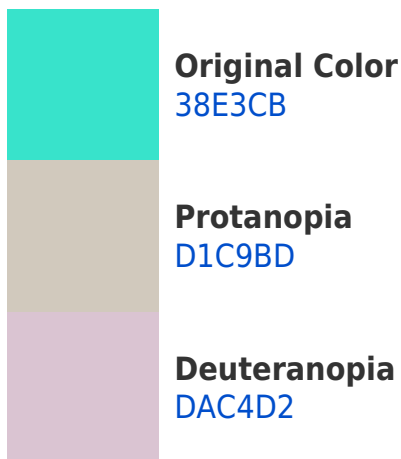


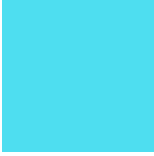
This preview shows how white text looks on a background with the Hex color 38E3CB.

# 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



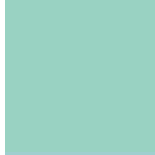


**Tritanopia**  
4EDEF0

# Trichromacy



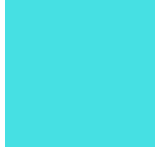
**Original Color**  
38E3CB



**Protanomaly**  
99D2C2



**Deuteranomaly**  
9FCFCF

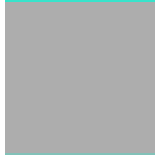


**Tritanomaly**  
46E0E3

# Monochromacy



**Original Color**  
38E3CB



**Achromatopsia**  
ADADAD



**Achromatomaly**  
82C1B8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 38E3CB 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 #38E3CB looks like.

```
.text, #text, p{  
    color:#38E3CB  
}
```

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 #38E3CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38E3CB
}
```

## Border

The CSS property to change the border of an element to Hex 38E3CB 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
#38E3CB }
```

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

```
.border{ border-color:#38E3CB }
```

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

Here you see how a box with a 4 pixel #38E3CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38E3CB; -webkit-box-shadow:4px 4px  
4px 4px #38E3CB; box-shadow:4px 4px 4px  
4px #38E3CB }
```

# Background

The CSS property to change the background color of an element to Hex 38E3CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38E3CB }
```

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

```
.background{ background-color:#38E3CB }
```

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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