

Converting Colors

Hex(38E4CA)

Have a look what the booklet for
Hex(38E4CA) contains.

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Color

Hex(38E4CA)

Conversions

Conversions Part 1

Format	Color
Hex	38E4CA
RGB	56, 228, 202
RGB Percent	22%, 89%, 79%
CMY	0.7804, 0.1059, 0.2078
CMYK	0.75, 0.00, 0.11, 0.11
HSL	171°, 76%, 56%
HSV	171°, 75%, 89%
XYZ	40.0350, 60.5918, 65.4624
YIQ	173.6080, -94.1660, -44.5500

Conversions

Conversions Part 2

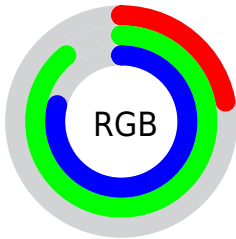
Format	Color
R _{YB}	56, 149, 228
Decimal	3728586
CIE Lab	82.16, -48.29, 0.44
CIE LCh	82, 48.297, 179.480
Yxy	60.5918, 0.2410, 0.3648
Android (android.graphics.Color)	4281918666 (0xFF38E4CA)
YUV	173.6080, 13.9973, -103.1422
Hunter-Lab	77.8408, -44.4154, 4.6269

Details

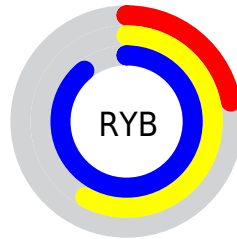
The Hex color **38E4CA** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light washed cyan. A complement of this color would be **E43852**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **81FFFF**, and **00AC94** is the 20% darker color. If you saturate the color by 10%, you get **21E4C7**, and if you desaturate by 10%, it is **4FE4CD**.

Distribution



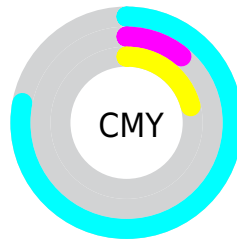
- Red (22%)
- Green (89%)
- Blue (79%)



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



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



- Cyan (78%)
- Magenta (11%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 38E4CA 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 38E4CA by changing the saturation by 10% instead.

 38E4CA

 38E4CA

FFFFFF

 00C7AF

 81FFFF

 00AC94

 A1FFFF

 00907A

 C0FFFF

 007662

 DFFFFF

 005C4A

 004333

 002D1E

 000E06

 000000

 38E4CA

 38E4CA

 21E4C7

 4FE4CD

 0AE4C3

 66E4D1

 00E4C2

 7CE4D4

 93E4D8

 AAE4DB

 C1E4DF

 D8E4E2

 EEE4E6

 FFE4E9

Harmonies

Analogous

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



84E09D



38E4CA



00E3F7

Triad

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



38E4CA



CFC1FF



FFB97F

Complementary

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



38E4CA



E43852

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.



FFACA2



38E4CA



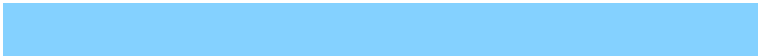
FFB1FB

Square

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



38E4CA



84D1FF



FFA8CF



EAC970

Rectangle

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



38E4CA



00E0FF



FFA8CF



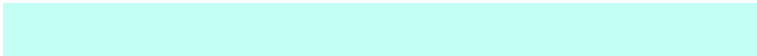
FFB489

Sweetspot

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



38E4CA



C4FFF6



55E438



5C807A



000000



808080

Same Dimension

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



38E4CA



17FFDC



38ABE4



677371



00B398



00332B

Inverse Universe

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



E43852



FF173A



E47138



736769



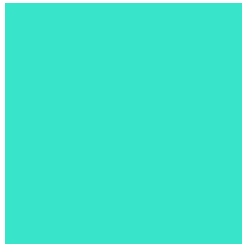
B3001B



330008

Previews

White Background



This preview shows how the Hex color 38E4CA looks on a white background.

Color Contrast Check

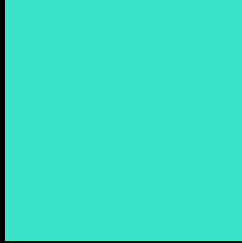
Large Text (above 18pt) WCAG AA × Fail

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 38E4CA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

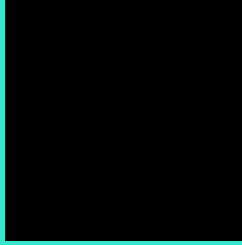
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

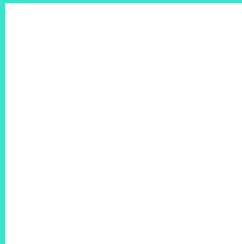
Any Text WCAG AAA ✓ Pass

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

Hex 38E4CA Background



This preview shows how black text looks on a background with the Hex color 38E4CA.

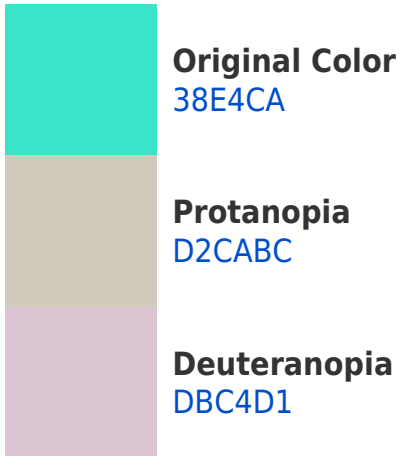


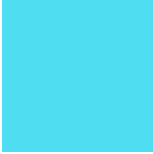
This preview shows how white text looks on a background with the Hex color 38E4CA.

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
4FDEF1

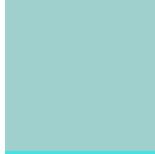
Trichromacy



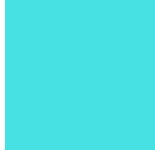
Original Color
38E4CA



Protanomaly
9AD3C1



Deuteranomaly
A0D0CE

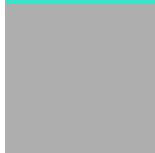


Tritanomaly
47E0E3

Monochromacy



Original Color
38E4CA



Achromatopsia
AEAEAE



Achromatomaly
83C2B8

CSS Examples

Text

The CSS property to change the color of the text to Hex 38E4CA 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 #38E4CA looks like.

```
.text, #text, p{  
    color:#38E4CA  
}
```

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 #38E4CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38E4CA }  
}
```

Border

The CSS property to change the border of an element to Hex 38E4CA 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 #38E4CA }  
}
```

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

```
.border{ border-color:#38E4CA }
```

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

Here you see how a box with a 4 pixel #38E4CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38E4CA; -webkit-box-shadow:4px 4px  
4px 4px #38E4CA; box-shadow:4px 4px 4px  
4px #38E4CA }
```

Background

The CSS property to change the background color of an element to Hex 38E4CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38E4CA }
```

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

```
.background{ background-color:#38E4CA }
```

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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