

Converting Colors

Hex(38E6E7)

Have a look what the booklet for
Hex(38E6E7) contains.

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Color

Hex(38E6E7)

Conversions

Conversions Part 1

Format	Color
Hex	38E6E7
RGB	56, 230, 231
RGB Percent	22%, 90%, 91%
CMY	0.7804, 0.0980, 0.0941
CMYK	0.76, 0.00, 0.00, 0.09
HSL	180°, 78%, 56%
HSV	180°, 76%, 91%
XYZ	44.3515, 63.2039, 85.4633
YIQ	178.0880, -104.0250, -36.5770

Conversions

Conversions Part 2

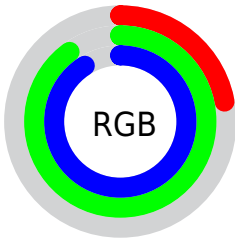
Format	Color
RYB	56, 143, 231
Decimal	3729127
CIELab	83.55, -41.28, -12.85
CIELCh	84, 43.230, 197.294
Yxy	63.2039, 0.2298, 0.3274
Android (android.graphics.Color)	4281919207 (0xFF38E6E7)
YUV	178.0880, 26.0856, -107.0712
Hunter-Lab	79.5009, -39.5460, -8.0860

Details

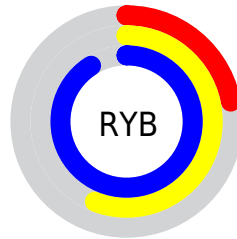
The Hex color **38E6E7** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **E73938**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **84FFFF**, and **00AEB0** is the 20% darker color. If you saturate the color by 10%, you get **21E6E7**, and if you desaturate by 10%, it is **4FE6E7**.

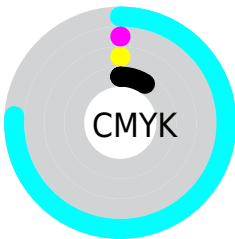
Distribution



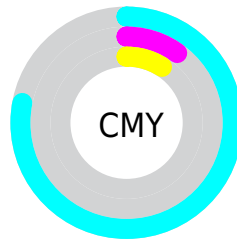
- Red (22%)
- Green (90%)
- Blue (91%)



- Red (22%)
- Yellow (56%)
- Blue (91%)



- Cyan (76%)
- Magenta (0%)
- Yellow (0%)
- Black (9%)



- Cyan (78%)
- Magenta (10%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 38E6E7 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 38E6E7 by changing the saturation by 10% instead.

 38E6E7

FFFFFF

 84FFFF

 A4FFFF

 C4FFFF

 E3FFFF

 38E6E7

 00CACB

 00AEB0

 009395

 00787B

 005F62

 00464A

 002F34

 00161F

 000004

 38E6E7

 38E6E7

 21E6E7

 4FE6E7

 0AE6E7

 66E6E7

 00E6E7

 7DE6E7

 94E7E7

 ACE7E7

 C3E7E7

 DAE7E7

 F1E7E7

 FFE7E7

Harmonies

Analogous

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



71E5BD



38E6E7



32E2FF

Triad

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



38E6E7



F2BDFE



FAC881

Complementary

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



38E6E7



E73938

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.



FFBA96



38E6E7



FFB3E3

Square

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



38E6E7



BCCCFE



FFB1BA



D4D581

Rectangle

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



38E6E7



5FDDFF



FFB1BA



FFC386

Sweetspot

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



38E6E7



C4FFFF



38E738



5C7F80



000000



808080

Same Dimension

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



38E6E7



17FEFF



3890E7



677373



00B1B3



003333

Inverse Universe

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



E738E6



FF17FE



E79038



736773



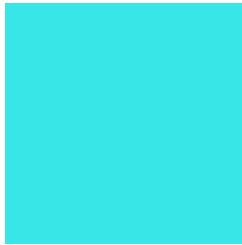
B300B1



330033

Previews

White Background



This preview shows how the Hex color 38E6E7 looks on a white background.

Color Contrast Check

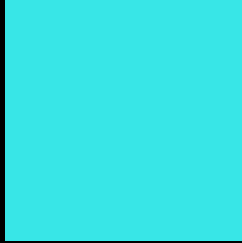
Large Text (above 18pt) WCAG AA × Fail

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 38E6E7 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

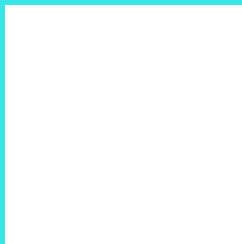
Any Text WCAG AAA ✓ Pass

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

Hex 38E6E7 Background



This preview shows how black text looks on a background with the Hex color 38E6E7.

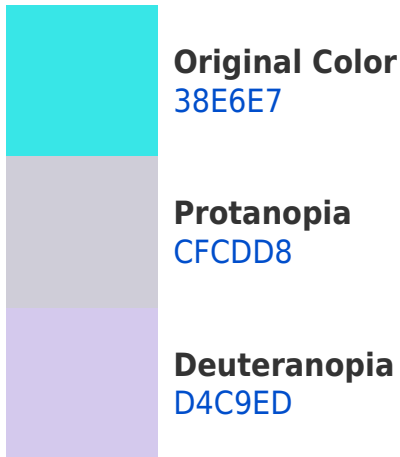


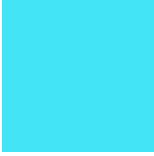
This preview shows how white text looks on a background with the Hex color 38E6E7.

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
43E4F6

Trichromacy



Original Color
38E6E7



Protanomaly
98D6DD



Deuteranomaly
9BD4EB

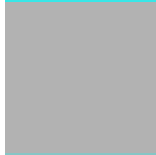


Tritanomaly
3FE5F1

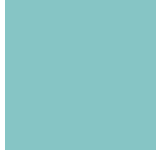
Monochromacy



Original Color
38E6E7



Achromatopsia
B2B2B2



Achromatomaly
86C5C5

CSS Examples

Text

The CSS property to change the color of the text to Hex 38E6E7 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 #38E6E7 looks like.

```
.text, #text, p{  
  color:#38E6E7  
}
```

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 #38E6E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38E6E7
}
```

Border

The CSS property to change the border of an element to Hex 38E6E7 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
#38E6E7 }
```

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

```
.border{ border-color:#38E6E7 }
```

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

Here you see how a box with a 4 pixel #38E6E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38E6E7; -webkit-box-shadow:4px 4px  
4px 4px #38E6E7; box-shadow:4px 4px 4px  
4px #38E6E7 }
```

Background

The CSS property to change the background color of an element to Hex 38E6E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38E6E7 }
```

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

```
.background{ background-color:#38E6E7 }
```

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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