

Converting Colors

Hex(39F7E3)

Have a look what the booklet for
Hex(39F7E3) contains.

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Color

Hex(39F7E3)

Conversions

Conversions Part 1

Format	Color
Hex	39F7E3
RGB	57, 247, 227
RGB Percent	22%, 97%, 89%
CMY	0.7765, 0.0314, 0.1098
CMYK	0.77, 0.00, 0.08, 0.03
HSL	174°, 92%, 60%
HSV	174°, 77%, 97%
XYZ	48.8132, 72.9374, 84.1787
YIQ	187.9100, -106.8200, -46.5000

Conversions

Conversions Part 2

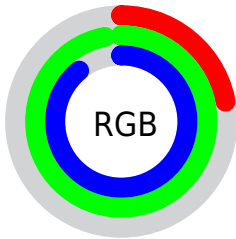
Format	Color
R _{YB}	57, 157, 247
Decimal	3799011
CIE _{Lab}	88.42, -49.67, -3.53
CIE _{LCh}	88, 49.794, 184.064
Y _{xy}	72.9374, 0.2370, 0.3542
Android (android.graphics.Color)	4281989091 (0xFF39F7E3)
YUV	187.9100, 19.2714, -114.8081
Hunter-Lab	85.4034, -47.4324, 1.3427

Details

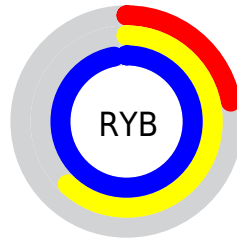
The Hex color **39F7E3** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light washed cyan. A complement of this color would be **F7394D**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **86FFFF**, and **00BEAC** is the 20% darker color. If you saturate the color by 10%, you get **20F7E0**, and if you desaturate by 10%, it is **52F7E6**.

Distribution



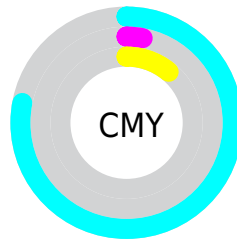
- Red (22%)
- Green (97%)
- Blue (89%)



- Red (22%)
- Yellow (62%)
- Blue (97%)



- Cyan (77%)
- Magenta (0%)
- Yellow (8%)
- Black (3%)



- Cyan (78%)
- Magenta (3%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 39F7E3 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 39F7E3 by changing the saturation by 10% instead.

 39F7E3

FFFFFF

 86FFFF

 A7FFFF

 C7FFFF

 E7FFFF

 39F7E3

 00DAC7

 00BEAC

 00A291

 008778

 006D5F

 005347

 003B31

 00241C

 000002

 39F7E3

 39F7E3

 20F7E0

 52F7E6

 08F7DE

 6AF7E8

 00F7DD

 83F7EB

 9CF7ED

 B4F7F0

 CDF7F3

 E6F7F5

 FFF7F8

 FFF7FA

Harmonies

Analogous

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



89F3B3



39F7E3



00F5FF

Triad

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



39F7E3



EBCFFF



FFCD89

Complementary

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



39F7E3



F7394D

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.



FFBEAB



39F7E3



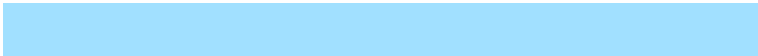
FFBFFF

Square

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



39F7E3



A1E0FF



FFB8D9



F6DD7E

Rectangle

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



39F7E3



00F1FF



FFB8D9



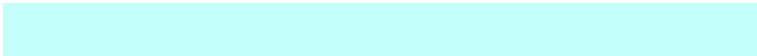
FFC793

Sweetspot

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



39F7E3



C4FFF9



4FF739



5C807C



000000



808080

Same Dimension

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



39F7E3



14FFE6



39AEF7



6E7A79



00BAA7



003B34

Inverse Universe

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



F7394D



FF142D



F78239



7A6E6F



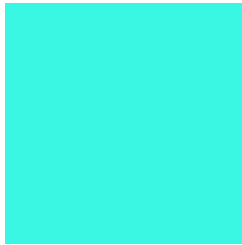
BA0014



3B0006

Previews

White Background



This preview shows how the Hex color 39F7E3 looks on a white background.

Color Contrast Check

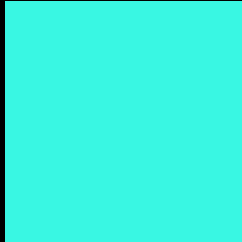
Large Text (above 18pt) WCAG AA × Fail

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 39F7E3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

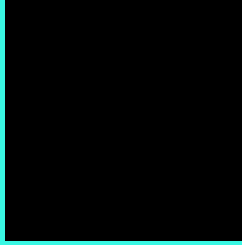
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

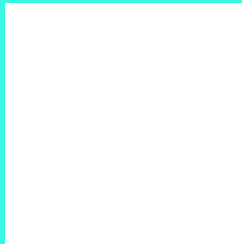
Any Text WCAG AAA ✓ Pass

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

Hex 39F7E3 Background



This preview shows how black text looks on a background with the Hex color 39F7E3.

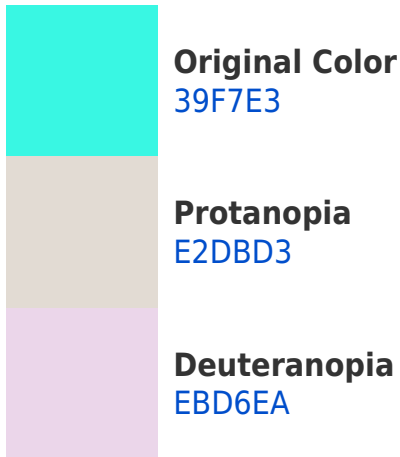


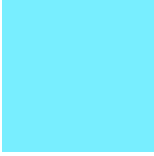
This preview shows how white text looks on a background with the Hex color 39F7E3.

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



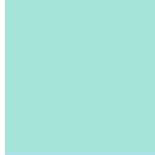


Tritanopia
78EEFF

Trichromacy



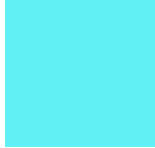
Original Color
39F7E3



Protanomaly
A5E5D9



Deuteranomaly
AAE2E7

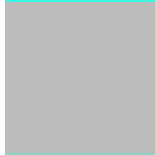


Tritanomaly
61F1F5

Monochromacy



Original Color
39F7E3



Achromatopsia
BCBCBC



Achromatomaly
8CD1CA

CSS Examples

Text

The CSS property to change the color of the text to Hex 39F7E3 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 #39F7E3 looks like.

```
.text, #text, p{  
    color:#39F7E3  
}
```

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 #39F7E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39F7E3
}
```

Border

The CSS property to change the border of an element to Hex 39F7E3 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
#39F7E3 }
```

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

```
.border{ border-color:#39F7E3 }
```

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

Here you see how a box with a 4 pixel #39F7E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39F7E3; -webkit-box-shadow:4px 4px  
4px 4px #39F7E3; box-shadow:4px 4px 4px  
4px #39F7E3 }
```

Background

The CSS property to change the background color of an element to Hex 39F7E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39F7E3 }
```

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

```
.background{ background-color:#39F7E3 }
```

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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