

Converting Colors

Hex(37E3E0)

Have a look what the booklet for
Hex(37E3E0) contains.

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Color

Hex(37E3E0)

Conversions

Conversions Part 1

Format	Color
Hex	37E3E0
RGB	55, 227, 224
RGB Percent	22%, 89%, 88%
CMY	0.7843, 0.1098, 0.1216
CMYK	0.76, 0.00, 0.01, 0.11
HSL	179°, 75%, 55%
HSV	179°, 76%, 89%
XYZ	42.4992, 61.1322, 80.0808
YIQ	175.2300, -101.5490, -37.3970

Conversions

Conversions Part 2

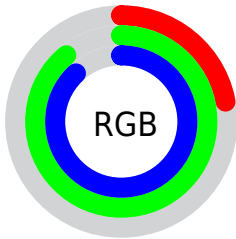
Format	Color
RYB	55, 142, 227
Decimal	3662816
CIELab	82.45, -42.01, -10.79
CIELCh	82, 43.375, 194.405
Yxy	61.1322, 0.2313, 0.3328
Android (android.graphics.Color)	4281852896 (0xFF37E3E0)
YUV	175.2300, 24.0436, -105.4417
Hunter-Lab	78.1871, -39.8024, -5.9950

Details

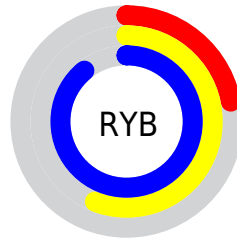
The Hex color **37E3E0** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **E3373A**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **82FFFF**, and **00ABA9** is the 20% darker color. If you saturate the color by 10%, you get **20E3E0**, and if you desaturate by 10%, it is **4EE3E0**.

Distribution



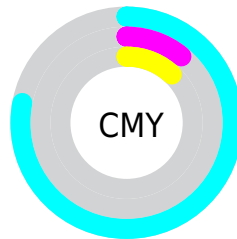
- Red (22%)
- Green (89%)
- Blue (88%)



- Red (22%)
- Yellow (56%)
- Blue (89%)



- Cyan (76%)
- Magenta (0%)
- Yellow (1%)
- Black (11%)



- Cyan (78%)
- Magenta (11%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 37E3E0 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 37E3E0 by changing the saturation by 10% instead.

 37E3E0

 37E3E0

FFFFFF

 00C7C4

 82FFFF

 00ABA9

 A2FFFF

 00908E

 C2FFFF

 007675

 E1FFFF

 005C5C

 004345

 002D2F

 00111A

 000000

■ 37E3E0

■ 37E3E0

■ 20E3E0

■ 4EE3E0

■ 0AE3DF

■ 64E3E1

■ 00E3DF

■ 7BE3E1

■ 92E3E2

■ A9E3E2

■ BFE3E2

■ D6E3E3

■ EDE3E3

■ FFE3E4

Harmonies

Analogous

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



73E1B6



37E3E0



23E0FF

Triad

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



37E3E0



EBBBFF



FBC37F

Complementary

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



37E3E0



E3373A

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.



FFB696



37E3E0



FFB0E4

Square

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



37E3E0



B2CAFF



FFAEBB



D4D17D

Rectangle

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



37E3E0



53DBFF



FFAEBB



FFBF85

Sweetspot

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



37E3E0



C4FFFE



3DE337



5C807F



000000



808080

Same Dimension

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



37E3E0



17FFFB



3793E3



677373



00B3AF



003332

Inverse Universe

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



E3373A



FF171B



E38737



736767



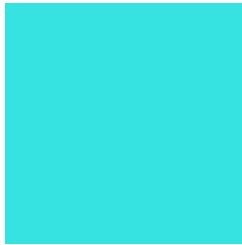
B30003



330001

Previews

White Background



This preview shows how the Hex color 37E3E0 looks on a white background.

Color Contrast Check

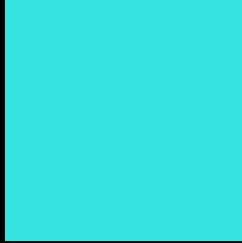
Large Text (above 18pt) WCAG AA × Fail

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 37E3E0 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 37E3E0 Background



This preview shows how black text looks on a background with the Hex color 37E3E0.

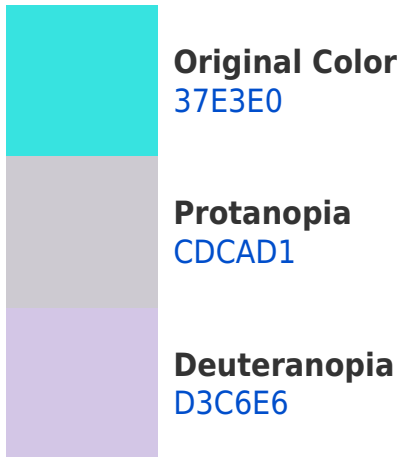


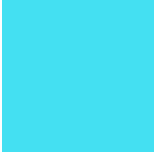
This preview shows how white text looks on a background with the Hex color 37E3E0.

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
44E0F2

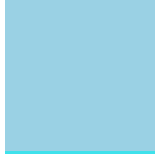
Trichromacy



Original Color
37E3E0



Protanomaly
96D3D6



Deuteranomaly
9AD1E4

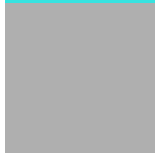


Tritanomaly
3FE1EB

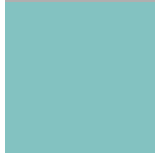
Monochromacy



Original Color
37E3E0



Achromatopsia
AFAFAF



Achromatomaly
83C2C1

CSS Examples

Text

The CSS property to change the color of the text to Hex 37E3E0 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 #37E3E0 looks like.

```
.text, #text, p{  
    color:#37E3E0  
}
```

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 #37E3E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37E3E0
}
```

Border

The CSS property to change the border of an element to Hex 37E3E0 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
#37E3E0 }
```

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

```
.border{ border-color:#37E3E0 }
```

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

Here you see how a box with a 4 pixel #37E3E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37E3E0; -webkit-box-shadow:4px 4px  
4px 4px #37E3E0; box-shadow:4px 4px 4px  
4px #37E3E0 }
```

Background

The CSS property to change the background color of an element to Hex 37E3E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37E3E0 }
```

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

```
.background{ background-color:#37E3E0 }
```

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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