

Converting Colors

Hex(40E1E3)

Have a look what the booklet for
Hex(40E1E3) contains.

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Color

Hex(40E1E3)

Conversions

Conversions Part 1

Format	Color
Hex	40E1E3
RGB	64, 225, 227
RGB Percent	25%, 88%, 89%
CMY	0.7490, 0.1176, 0.1098
CMYK	0.72, 0.01, 0.00, 0.11
HSL	181°, 74%, 57%
HSV	181°, 72%, 89%
XYZ	42.9047, 60.4865, 82.0868
YIQ	177.0890, -96.5980, -33.5100

Conversions

Conversions Part 2

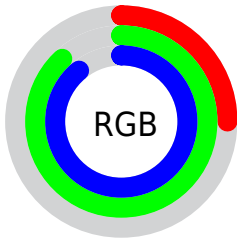
Format	Color
R _{YB}	64, 145, 227
Decimal	4252131
CIE _{Lab}	82.10, -39.30, -12.89
CIE _{LCh}	82, 41.358, 198.153
Y _{xy}	60.4865, 0.2313, 0.3261
Android (android.graphics.Color)	4282442211 (0xFF40E1E3)
YUV	177.0890, 24.6061, -99.1791
Hunter-Lab	77.7730, -37.6306, -8.1374

Details

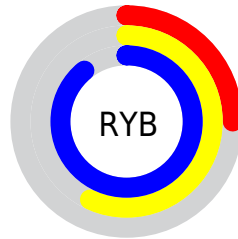
The Hex color **40E1E3** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **E34240**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **87FFFF**, and **00A9AC** is the 20% darker color. If you saturate the color by 10%, you get **29E1E3**, and if you desaturate by 10%, it is **57E1E3**.

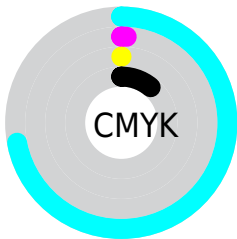
Distribution



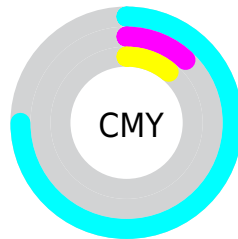
- Red (25%)
- Green (88%)
- Blue (89%)



- Red (25%)
- Yellow (57%)
- Blue (89%)



- Cyan (72%)
- Magenta (1%)
- Yellow (0%)
- Black (11%)



- Cyan (75%)
- Magenta (12%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40E1E3 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 40E1E3 by changing the saturation by 10% instead.

 40E1E3

FFFFFF

 87FFFF

 A7FFFF

 C6FFFF

 E6FFFF

 40E1E3

 00C5C7

 00A9AC

 008E91

 007478

 005B5F

 004247

 002C31

 000F1C

 000000

■ 40E1E3

■ 40E1E3

■ 29E1E3

■ 57E1E3

■ 13E0E3

■ 6DE2E3

■ 00E0E3

■ 84E2E3

■ 9BE2E3

■ B2E2E3

■ C8E3E3

■ DFE3E3

■ F6E3E3

■ FFE4E3

Harmonies

Analogous

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



71E0BB



40E1E3



3FDDFF

Triad

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



40E1E3



EEBAFF



F4C580

Complementary

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



40E1E3



E34240

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.



FFB794



40E1E3



FFB0DD

Square

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



40E1E3



BBC8FF



FFAFB6



CED181

Rectangle

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



40E1E3



65D8FF



FFAFB6



FEC085

Sweetspot

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



40E1E3



C7FEFF



40E340



5E7F80



000000



808080

Same Dimension

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



40E1E3



24FCFF



4092E3



677373



00B0B3



003233

Inverse Universe

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



E340E1



FF24FC



E39240



736773



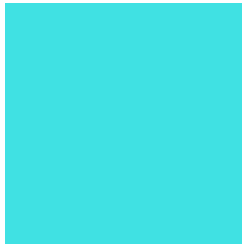
B300B0



330032

Previews

White Background



This preview shows how the Hex color 40E1E3 looks on a white background.

Color Contrast Check

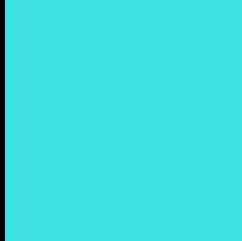
Large Text (above 18pt) WCAG AA × Fail

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 40E1E3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

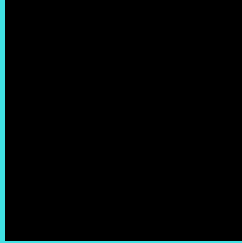
Any Text WCAG AA ✓ Pass

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 40E1E3 Background



This preview shows how black text looks on a background with the Hex color 40E1E3.

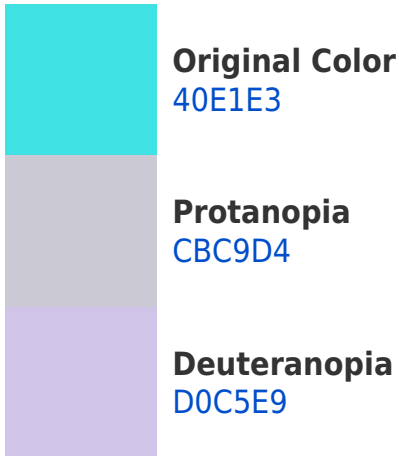


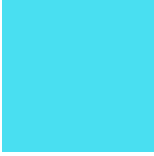
This preview shows how white text looks on a background with the Hex color 40E1E3.

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
49DFF1

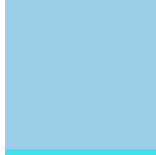
Trichromacy



Original Color
40E1E3



Protanomaly
98D2D9



Deuteranomaly
9CCFE7

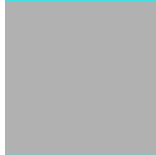


Tritanomaly
46E0EC

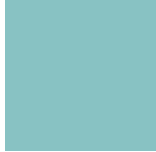
Monochromacy



Original Color
40E1E3



Achromatopsia
B1B1B1



Achromatomaly
88C2C3

CSS Examples

Text

The CSS property to change the color of the text to Hex 40E1E3 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 #40E1E3 looks like.

```
.text, #text, p{  
    color:#40E1E3  
}
```

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 #40E1E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40E1E3
}
```

Border

The CSS property to change the border of an element to Hex 40E1E3 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
#40E1E3 }
```

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

```
.border{ border-color:#40E1E3 }
```

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

Here you see how a box with a 4 pixel #40E1E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40E1E3; -webkit-box-shadow:4px 4px  
4px 4px #40E1E3; box-shadow:4px 4px 4px  
4px #40E1E3 }
```

Background

The CSS property to change the background color of an element to Hex 40E1E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40E1E3 }
```

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

```
.background{ background-color:#40E1E3 }
```

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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