

Converting Colors

Hex(41E0BA)

Have a look what the booklet for
Hex(41E0BA) contains.

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Color

Hex(41E0BA)

Conversions

Conversions Part 1

Format	Color
Hex	41E0BA
RGB	65, 224, 186
RGB Percent	25%, 88%, 73%
CMY	0.7451, 0.1216, 0.2706
CMYK	0.71, 0.00, 0.17, 0.12
HSL	166°, 72%, 57%
HSV	166°, 71%, 88%
XYZ	37.6986, 57.9803, 55.6588
YIQ	172.1270, -82.5660, -45.5260

Conversions

Conversions Part 2

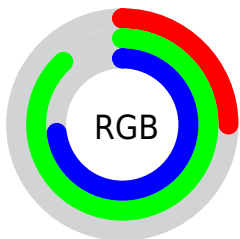
Format	Color
RYB	65, 155, 224
Decimal	4317370
CIELab	80.73, -49.56, 6.86
CIElCh	81, 50.037, 172.123
Yxy	57.9803, 0.2491, 0.3831
Android (android.graphics.Color)	4282507450 (0xFF41E0BA)
YUV	172.1270, 6.8394, -93.9504
Hunter-Lab	76.1448, -44.8798, 9.9628

Details

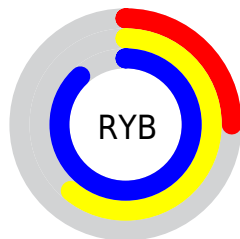
The Hex color **41E0BA** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **E04167**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **85FFF2**, and **00A885** is the 20% darker color. If you saturate the color by 10%, you get **2BE0B5**, and if you desaturate by 10%, it is **57E0BF**.

Distribution



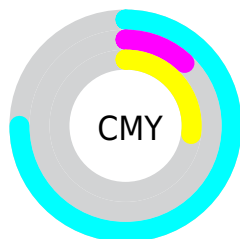
- Red (25%)
- Green (88%)
- Blue (73%)



- Red (25%)
- Yellow (61%)
- Blue (88%)



- Cyan (71%)
- Magenta (0%)
- Yellow (17%)
- Black (12%)



- Cyan (75%)
- Magenta (12%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 41E0BA 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 41E0BA by changing the saturation by 10% instead.

 41E0BA

 41E0BA

FFFFFF

 02C49F

 85FFF2

 00A885

 A4FFFF

 008D6C

 C3FFFF

 007253

 E2FFFF

 00593C

 004027

 002A12

 000500

 000000

 41E0BA

 41E0BA

 2BE0B5

 57E0BF

 14E0AF

 6EE0C5

 00E0AA

 84E0CA

 9BE0CF

 B1E0D5

 C7E0DA

 DEE0DF

 F4E0E5

 FFE0EA

Harmonies

Analogous

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



8CDB8D



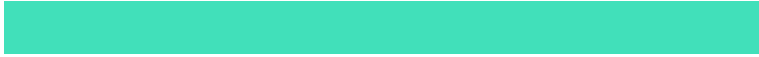
41E0BA



00E0EA

Triad

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



41E0BA



BAC1FF



FFB180

Complementary

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



41E0BA



E04167

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.



FFA4A8



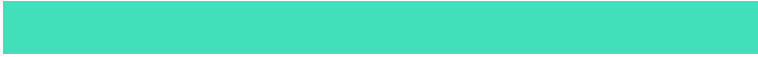
41E0BA



F7AFFF

Square

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



41E0BA



61D1FF



FFA4D7



F0C16B

Rectangle

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



41E0BA



00DEFF



FFA4D7



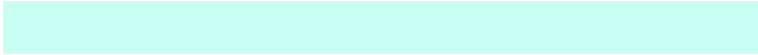
FFAC8C

Sweetspot

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



41E0BA



C9FFF2



69E041



608078



000000



808080

Same Dimension

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



41E0BA



26FFCB



41B8E0



65706E



00B086



003025

Inverse Universe

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



E04167



FF265A



E06941



706568



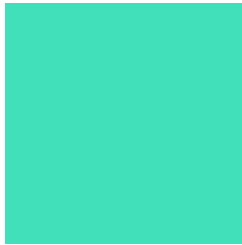
B0002A



30000C

Previews

White Background



This preview shows how the Hex color 41E0BA 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 41E0BA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

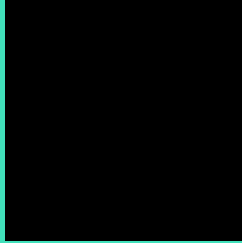
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

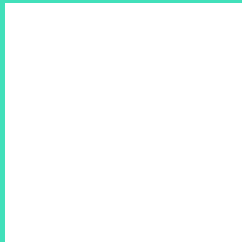
Any Text WCAG AAA ✓ Pass

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

Hex 41E0BA Background



This preview shows how black text looks on a background with the Hex color 41E0BA.

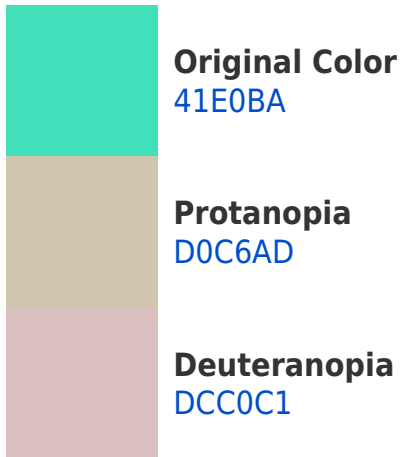


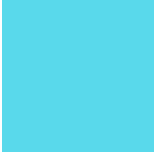
This preview shows how white text looks on a background with the Hex color 41E0BA.

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
59D9EB

Trichromacy



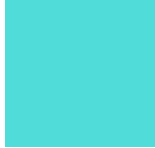
Original Color
41E0BA



Protanomaly
9CCFB2



Deuteranomaly
A4CCBE

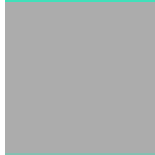


Tritanomaly
50DCD9

Monochromacy



Original Color
41E0BA



Achromatopsia
ACACAC



Achromatomaly
85BFB1

CSS Examples

Text

The CSS property to change the color of the text to Hex 41E0BA 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 #41E0BA looks like.

```
.text, #text, p{  
    color:#41E0BA  
}
```

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 #41E0BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41E0BA
}
```

Border

The CSS property to change the border of an element to Hex 41E0BA 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
#41E0BA }
```

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

```
.border{ border-color:#41E0BA }
```

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

Here you see how a box with a 4 pixel #41E0BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41E0BA; -webkit-box-shadow:4px 4px  
4px 4px #41E0BA; box-shadow:4px 4px 4px  
4px #41E0BA }
```

Background

The CSS property to change the background color of an element to Hex 41E0BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41E0BA }
```

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

```
.background{ background-color:#41E0BA }
```

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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