

Converting Colors

Hex(41E2D3)

Have a look what the booklet for
Hex(41E2D3) contains.

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Color

Hex(41E2D3)

Conversions

Conversions Part 1

Format	Color
Hex	41E2D3
RGB	65, 226, 211
RGB Percent	25%, 89%, 83%
CMY	0.7451, 0.1137, 0.1725
CMYK	0.71, 0.00, 0.07, 0.11
HSL	174°, 74%, 57%
HSV	174°, 71%, 89%
XYZ	41.1342, 60.2197, 71.0836
YIQ	176.1510, -91.1410, -38.7970

Conversions

Conversions Part 2

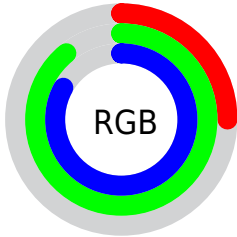
Format	Color
RYB	65, 149, 226
Decimal	4317907
CIELab	81.96, -44.03, -4.61
CIELCh	82, 44.268, 185.975
Yxy	60.2197, 0.2385, 0.3492
Android (android.graphics.Color)	4282507987 (0xFF41E2D3)
YUV	176.1510, 17.1806, -97.4794
Hunter-Lab	77.6013, -41.1847, 0.0107

Details

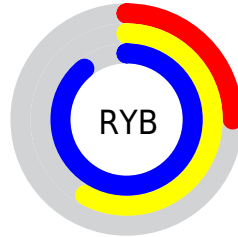
The Hex color **41E2D3** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light muted cyan. A complement of this color would be **E24150**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **87FFFF**, and **00AA9D** is the 20% darker color. If you saturate the color by 10%, you get **2AE2D1**, and if you desaturate by 10%, it is **58E2D5**.

Distribution



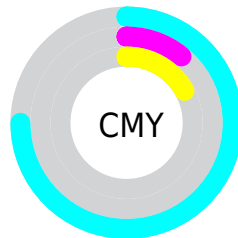
- Red (25%)
- Green (89%)
- Blue (83%)



- Red (25%)
- Yellow (58%)
- Blue (89%)



- Cyan (71%)
- Magenta (0%)
- Yellow (7%)
- Black (11%)



- Cyan (75%)
- Magenta (11%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 41E2D3 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 41E2D3 by changing the saturation by 10% instead.

 41E2D3

 41E2D3

FFFFFF

 00C6B7

 87FFFF

 00AA9D

 A6FFFF

 008F83

 C5FFFF


 007469

 E4FFFF

 005B51

 00423B

 002C25

 000E11

 000000

 41E2D3

 41E2D3

 2AE2D1

 58E2D5

 14E2CF

 6EE2D7

 00E2CD

 85E2D9

 9BE2DB

 B2E2DE

 C9E2E0

 DFE2E2

 F6E2E4

 FFE2E6

Harmonies

Analogous

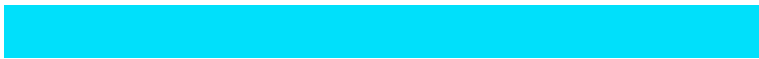
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



7FDFA9



41E2D3



00E0FB

Triad

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



41E2D3



DBBEFF



FFBE81

Complementary

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



41E2D3



E24150

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.



FFB19D



41E2D3



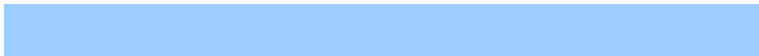
FFB0EE

Square

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



41E2D3



9DCDFF



FFABC5



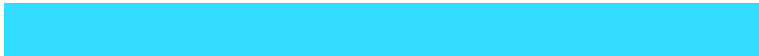
DFCC78

Rectangle

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



41E2D3



32DCFF



FFABC5



FFB988

Sweetspot

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



41E2D3



C9FFFA



51E241



60807D



000000



808080

Same Dimension

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



41E2D3



26FFEB



41A2E2



65706F



00B0A0



00302C

Inverse Universe

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



E24150



FF263A



E28141



706566



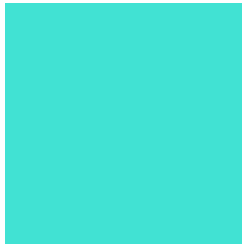
B00010



300005

Previews

White Background



This preview shows how the Hex color 41E2D3 looks on a white background.

Color Contrast Check

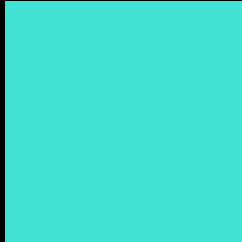
Large Text (above 18pt) WCAG AA × Fail

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 41E2D3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

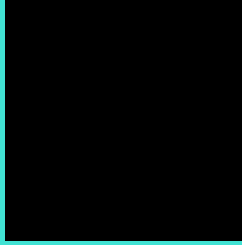
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

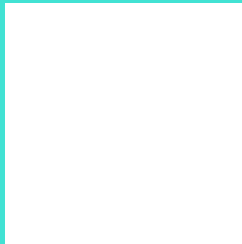
Any Text WCAG AAA ✓ Pass

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

Hex 41E2D3 Background



This preview shows how black text looks on a background with the Hex color 41E2D3.

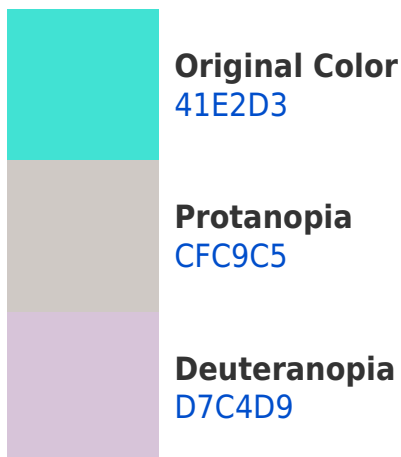


This preview shows how white text looks on a background with the Hex color 41E2D3.

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



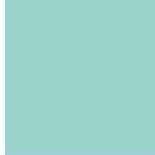


Tritanopia
51DEF0

Trichromacy



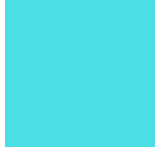
Original Color
41E2D3



Protanomaly
9BD2CA



Deuteranomaly
A0CFD7

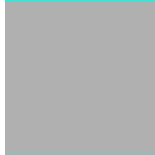


Tritanomaly
4BDFE5

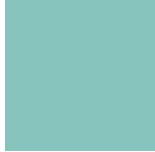
Monochromacy



Original Color
41E2D3



Achromatopsia
B0B0B0



Achromatomaly
88C2BD

CSS Examples

Text

The CSS property to change the color of the text to Hex 41E2D3 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 #41E2D3 looks like.

```
.text, #text, p{  
    color:#41E2D3  
}
```

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 #41E2D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41E2D3
}
```

Border

The CSS property to change the border of an element to Hex 41E2D3 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
#41E2D3 }
```

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

```
.border{ border-color:#41E2D3 }
```

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

Here you see how a box with a 4 pixel #41E2D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41E2D3; -webkit-box-shadow:4px 4px  
4px 4px #41E2D3; box-shadow:4px 4px 4px  
4px #41E2D3 }
```

Background

The CSS property to change the background color of an element to Hex 41E2D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41E2D3 }
```

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

```
.background{ background-color:#41E2D3 }
```

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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