

Converting Colors

Hex(41E6E0)

Have a look what the booklet for
Hex(41E6E0) contains.

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Color

Hex(41E6E0)

Conversions

Conversions Part 1

Format	Color
Hex	41E6E0
RGB	65, 230, 224
RGB Percent	25%, 90%, 88%
CMY	0.7451, 0.0980, 0.1216
CMYK	0.72, 0.00, 0.03, 0.10
HSL	178°, 77%, 58%
HSV	178°, 72%, 90%
XYZ	43.9313, 63.0993, 80.3850
YIQ	179.9810, -96.4140, -36.8460

Conversions

Conversions Part 2

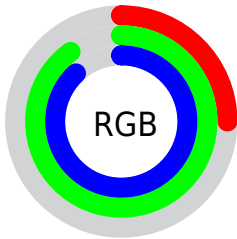
Format	Color
RYB	65, 149, 230
Decimal	4318944
CIELab	83.49, -42.27, -9.22
CIElCh	83, 43.261, 192.302
Yxy	63.0993, 0.2344, 0.3367
Android (android.graphics.Color)	4282509024 (0xFF41E6E0)
YUV	179.9810, 21.7014, -100.8383
Hunter-Lab	79.4350, -40.2924, -4.3945

Details

The Hex color **41E6E0** 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 **E64147**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **88FFFF**, and **00AEA9** is the 20% darker color. If you saturate the color by 10%, you get **2AE6DF**, and if you desaturate by 10%, it is **58E6E1**.

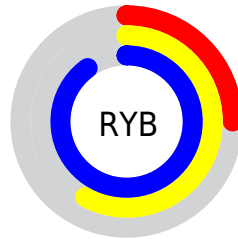
Distribution



Red (25%)

Green (90%)

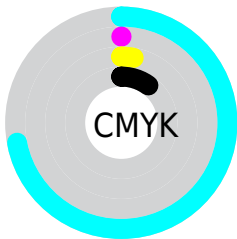
Blue (88%)



Red (25%)

Yellow (58%)

Blue (90%)

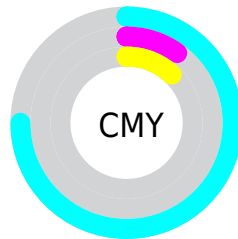


Cyan (72%)

Magenta (0%)

Yellow (3%)

Black (10%)



Cyan (75%)

Magenta (10%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 41E6E0 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 41E6E0 by changing the saturation by 10% instead.

 41E6E0

 41E6E0

FFFFFF

 00CAC4

 88FFFF

 00AEA9

 A8FFFF

 00938E

 C7FFFF

 007875

 E7FFFF

 005F5C

 004645

 002F2F

 00151A

 000000

■ 41E6E0

■ 41E6E0

■ 2AE6DF

■ 58E6E1

■ 13E6DE

■ 6FE6E2

■ 00E6DE

■ 86E6E3

■ 9DE6E3

■ B4E6E4

■ CBE6E5

■ E2E6E6

■ F9E6E7

■ FFE6E8

Harmonies

Analogous

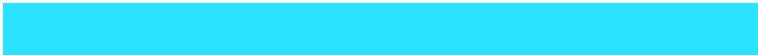
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



7AE4B6



41E6E0



29E3FF

Triad

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



41E6E0



EABFFF



FFC583

Complementary

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



41E6E0



E64147

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.



FFB89B



41E6E0



FFB4EA

Square

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



41E6E0



B1CEFF



FFB1C1



DAD37F

Rectangle

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



41E6E0



53DEFF



FFB1C1



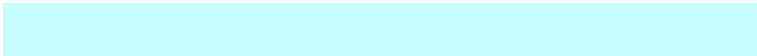
FFC189

Sweetspot

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



41E6E0



C7FFFD



49E641



5E807E



000000



808080

Same Dimension

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



41E6E0



24FFF7



419CE6



677372



00B3AC



003331

Inverse Universe

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



E64147



FF242C



E68B41



736768



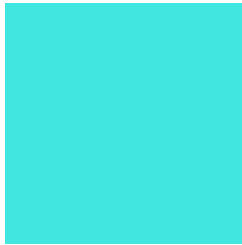
B30006



330002

Previews

White Background



This preview shows how the Hex color 41E6E0 looks on a white background.

Color Contrast Check

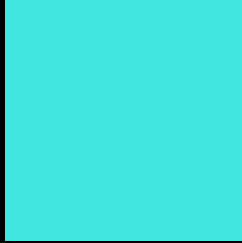
Large Text (above 18pt) WCAG AA × Fail

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 41E6E0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

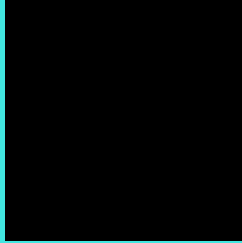
Any Text WCAG AA ✓ Pass

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 41E6E0 Background



This preview shows how black text looks on a background with the Hex color 41E6E0.

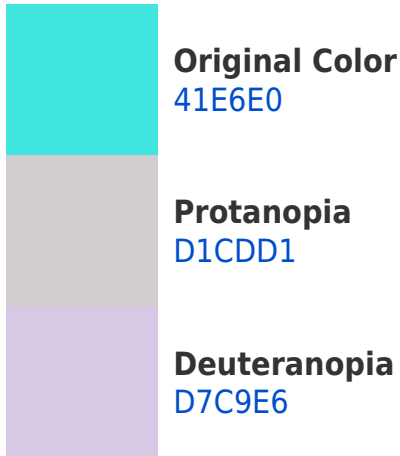


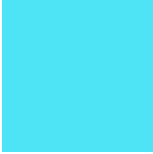
This preview shows how white text looks on a background with the Hex color 41E6E0.

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
4EE3F5

Trichromacy



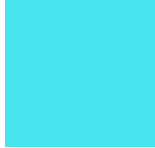
Original Color
41E6E0



Protanomaly
9DD6D6



Deuteranomaly
A0D4E4

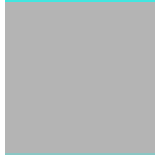


Tritanomaly
49E4ED

Monochromacy



Original Color
41E6E0



Achromatopsia
B4B4B4



Achromatomaly
8AC6C4

CSS Examples

Text

The CSS property to change the color of the text to Hex 41E6E0 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 #41E6E0 looks like.

```
.text, #text, p{  
    color:#41E6E0  
}
```

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 #41E6E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41E6E0
}
```

Border

The CSS property to change the border of an element to Hex 41E6E0 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
#41E6E0 }
```

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

```
.border{ border-color:#41E6E0 }
```

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

Here you see how a box with a 4 pixel #41E6E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41E6E0; -webkit-box-shadow:4px 4px  
4px 4px #41E6E0; box-shadow:4px 4px 4px  
4px #41E6E0 }
```

Background

The CSS property to change the background color of an element to Hex 41E6E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41E6E0 }
```

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

```
.background{ background-color:#41E6E0 }
```

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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