

Converting Colors

Hex(41E1A3)

Have a look what the booklet for
Hex(41E1A3) contains.

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Color

Hex(41E1A3)

Conversions

Conversions Part 1

Format	Color
Hex	41E1A3
RGB	65, 225, 163
RGB Percent	25%, 88%, 64%
CMY	0.7451, 0.1176, 0.3608
CMYK	0.71, 0.00, 0.28, 0.12
HSL	157°, 73%, 57%
HSV	157°, 71%, 88%
XYZ	35.7160, 57.6186, 43.8894
YIQ	170.0920, -75.4580, -53.2020

Conversions

Conversions Part 2

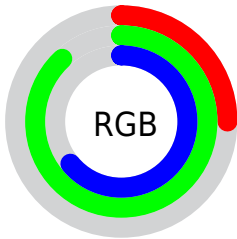
Format	Color
RYB	65, 164, 225
Decimal	4317603
CIELab	80.53, -55.25, 18.69
CIELCh	81, 58.326, 161.315
Yxy	57.6186, 0.2603, 0.4199
Android (android.graphics.Color)	4282507683 (0xFF41E1A3)
YUV	170.0920, -3.4964, -92.1657
Hunter-Lab	75.9069, -48.8485, 18.8533

Details

The Hex color **41E1A3** is a light color, and the websafe version is hex **00CC99**. The color can be described as light muted spring green. A complement of this color would be **E1417F**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **84FFDA**, and **00A96F** is the 20% darker color. If you saturate the color by 10%, you get **2BE19A**, and if you desaturate by 10%, it is **57E1AC**.

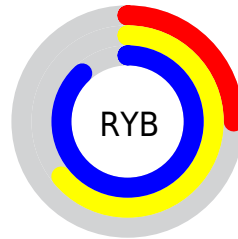
Distribution



Red (25%)

Green (88%)

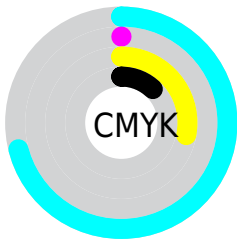
Blue (64%)



Red (25%)

Yellow (64%)

Blue (88%)

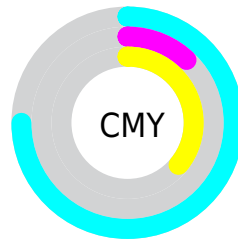


Cyan (71%)

Magenta (0%)

Yellow (28%)

Black (12%)



Cyan (75%)

Magenta (12%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 41E1A3 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 41E1A3 by changing the saturation by 10% instead.

 41E1A3

 41E1A3

FFFFFF

 05C489

 84FFDA

 00A96F

 A3FFF7

 008D56

 C2FFFF

 00733F

 E1FFFF

 005928

 004013

 002900

 000400

 000000

 41E1A3

 41E1A3

 2BE19A

 57E1AC

 14E192

 6EE1B4

 00E18A

 84E1BD

 9BE1C6

 B2E1CF

 C8E1D7

 DEE1E0

 F5E1E9

 FFE1F1

Harmonies

Analogous

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



98D973



41E1A3



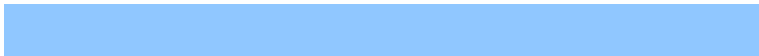
00E4DB

Triad

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



41E1A3



90C7FF



FFA582

Complementary

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



41E1A3



E1417F

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.



FF9AB5



41E1A3



E7B1FF

Square

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



41E1A3



00D7FF



FF9FEC



FFB95F

Rectangle

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



41E1A3



00E2FF



FF9FEC



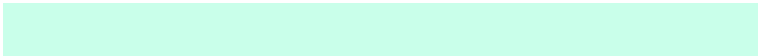
FFA092

Sweetspot

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



41E1A3



C9FFEA



81E141



608073



000000



808080

Same Dimension

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



41E1A3



26FFAB



41D1E1



65706C



00B06C



00301E

Inverse Universe

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



E1417F



FF267A



E15141



706569



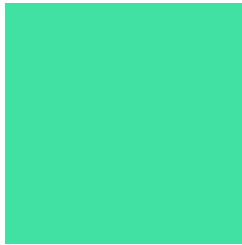
B00044



300013

Previews

White Background



This preview shows how the Hex color 41E1A3 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 41E1A3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

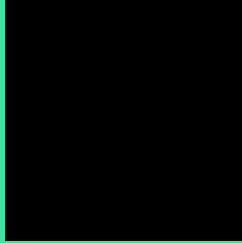
Any Text WCAG AA ✓ Pass

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 41E1A3 Background



This preview shows how black text looks on a background with the Hex color 41E1A3.

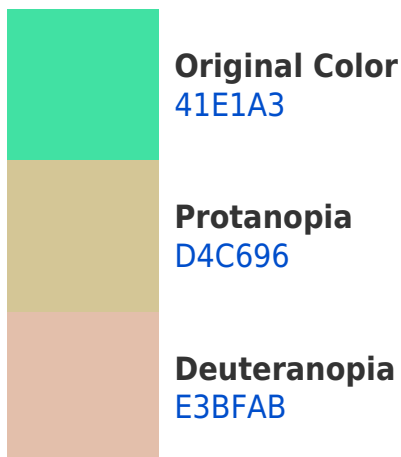


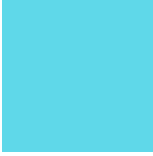
This preview shows how white text looks on a background with the Hex color 41E1A3.

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
5FD8E9

Trichromacy



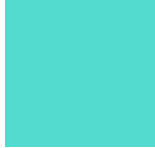
Original Color
41E1A3



Protanomaly
9FD09B



Deuteranomaly
A8CBA8

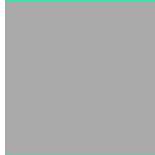


Tritanomaly
54DBD0

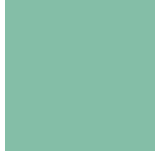
Monochromacy



Original Color
41E1A3



Achromatopsia
AAAAAA



Achromatomaly
84BEA7

CSS Examples

Text

The CSS property to change the color of the text to Hex 41E1A3 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 #41E1A3 looks like.

```
.text, #text, p{  
    color:#41E1A3  
}
```

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 #41E1A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41E1A3
}
```

Border

The CSS property to change the border of an element to Hex 41E1A3 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
#41E1A3 }
```

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

```
.border{ border-color:#41E1A3 }
```

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

Here you see how a box with a 4 pixel #41E1A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41E1A3; -webkit-box-shadow:4px 4px  
4px 4px #41E1A3; box-shadow:4px 4px 4px  
4px #41E1A3 }
```

Background

The CSS property to change the background color of an element to Hex 41E1A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41E1A3 }
```

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

```
.background{ background-color:#41E1A3 }
```

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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