

Converting Colors

Hex(41E7A2)

Have a look what the booklet for
Hex(41E7A2) contains.

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Color

Hex(41E7A2)

Conversions

Conversions Part 1

Format	Color
Hex	41E7A2
RGB	65, 231, 162
RGB Percent	25%, 91%, 64%
CMY	0.7451, 0.0941, 0.3647
CMYK	0.72, 0.00, 0.30, 0.09
HSL	155°, 78%, 58%
HSV	155°, 72%, 91%
XYZ	37.2775, 60.8843, 43.9695
YIQ	173.5000, -76.7870, -56.6510

Conversions

Conversions Part 2

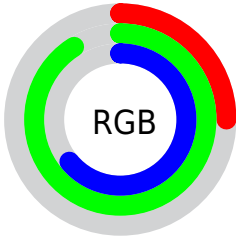
Format	Color
RYB	65, 170, 231
Decimal	4319138
CIELab	82.32, -57.79, 21.68
CIELCh	82, 61.719, 159.433
Yxy	60.8843, 0.2623, 0.4284
Android (android.graphics.Color)	4282509218 (0xFF41E7A2)
YUV	173.5000, -5.6695, -95.1545
Hunter-Lab	78.0284, -51.2726, 21.2095

Details

The Hex color **41E7A2** 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 **E74186**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **85FFD9**, and **00AE6E** is the 20% darker color. If you saturate the color by 10%, you get **2AE798**, and if you desaturate by 10%, it is **58E7AC**.

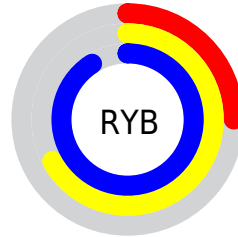
Distribution



Red (25%)

Green (91%)

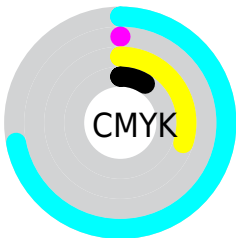
Blue (64%)



Red (25%)

Yellow (67%)

Blue (91%)

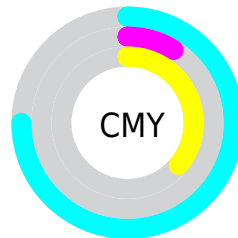


Cyan (72%)

Magenta (0%)

Yellow (30%)

Black (9%)



Cyan (75%)

Magenta (9%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 41E7A2 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 41E7A2 by changing the saturation by 10% instead.

 41E7A2

FFFFFF

 85FFD9

 A5FFF6

 C3FFFF

 E2FFFF

 41E7A2

 00CA88

 00AE6E

 009355

 00783E

 005E27

 004511

 002E00

 000F00

 000000

 41E7A2

 41E7A2

 2AE798

 58E7AC

 13E78F

 6FE7B5

 00E787

 86E7BF

 9DE7C8

 B5E7D2

 CCE7DC

 E3E7E5

 FAE7EF

 FFE7F8

Harmonies

Analogous

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



9EDE6F



41E7A2



00EADE

Triad

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



41E7A2



88CDFE



FFA686

Complementary

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



41E7A2



E74186

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.



FF9BBD



41E7A2



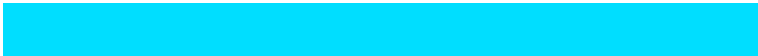
E9B6FF

Square

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



41E7A2



00DEFF



FFA1F7



FFBB5F

Rectangle

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



41E7A2



00E9FF



FFA1F7



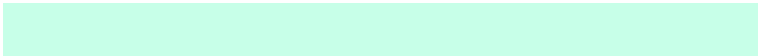
FFA197

Sweetspot

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



41E7A2



C7FFE8



86E741



5E8072



000000



808080

Same Dimension

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



41E7A2



24FFA4



41D9E7



67736E



00B368



00331E

Inverse Universe

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



E74186



FF247F



E74F41



73676C



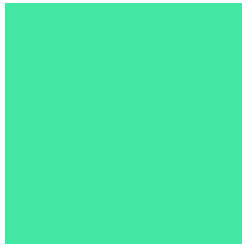
B3004A



330015

Previews

White Background



This preview shows how the Hex color 41E7A2 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 41E7A2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

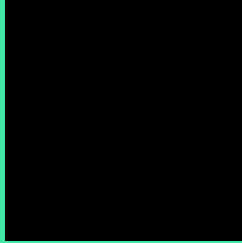
Any Text WCAG AA ✓ Pass

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 41E7A2 Background



This preview shows how black text looks on a background with the Hex color 41E7A2.

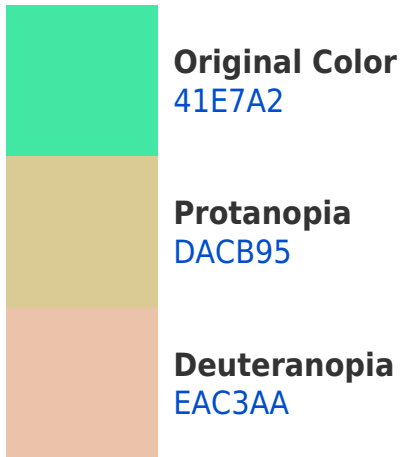


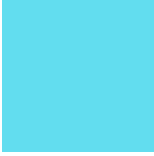
This preview shows how white text looks on a background with the Hex color 41E7A2.

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
62DDEF

Trichromacy



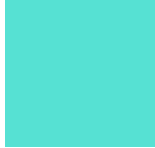
Original Color
41E7A2



Protanomaly
A2D59A



Deuteranomaly
ADD0A7



Tritanomaly
56E1D3

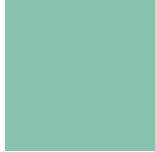
Monochromacy



Original Color
41E7A2



Achromatopsia
AEAEAE



Achromatomaly
86C3AA

CSS Examples

Text

The CSS property to change the color of the text to Hex 41E7A2 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 #41E7A2 looks like.

```
.text, #text, p{  
    color:#41E7A2  
}
```

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 #41E7A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41E7A2
}
```

Border

The CSS property to change the border of an element to Hex 41E7A2 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
#41E7A2 }
```

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

```
.border{ border-color:#41E7A2 }
```

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

Here you see how a box with a 4 pixel #41E7A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41E7A2; -webkit-box-shadow:4px 4px  
4px 4px #41E7A2; box-shadow:4px 4px 4px  
4px #41E7A2 }
```

Background

The CSS property to change the background color of an element to Hex 41E7A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41E7A2 }
```

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

```
.background{ background-color:#41E7A2 }
```

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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