

# Converting Colors

Hex(41E7C8)

Have a look what the booklet for  
Hex(41E7C8) contains.

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# **Color**

**Hex(41E7C8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	41E7C8
RGB	65, 231, 200
RGB Percent	25%, 91%, 78%
CMY	0.7451, 0.0941, 0.2157
CMYK	0.72, 0.00, 0.13, 0.09
HSL	169°, 78%, 58%
HSV	169°, 72%, 91%
XYZ	41.1812, 62.4458, 64.5263
YIQ	177.8320, -88.9850, -44.8330

# Conversions

## Conversions Part 2

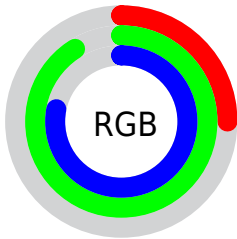
Format	Color
<a href="#">RYB</a>	<a href="#">65, 157, 231</a>
Decimal	<a href="#">4319176</a>
CIELab	<a href="#">83.15, -49.02, 2.96</a>
CIElCh	<a href="#">83, 49.112, 176.549</a>
Yxy	<a href="#">62.4458, 0.2449, 0.3714</a>
Android (android.graphics.Color)	<a href="#">4282509256 (0xFF41E7C8)</a>
YUV	<a href="#">177.8320, 10.9288, -98.9537</a>
Hunter-Lab	<a href="#">79.0226, -45.2676, 6.9023</a>

# Details

The Hex color **41E7C8** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **E74160**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **87FFFF**, and **00AE92** is the 20% darker color. If you saturate the color by 10%, you get **2AE7C4**, and if you desaturate by 10%, it is **58E7CC**.

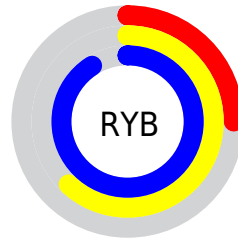
# Distribution



Red (25%)

Green (91%)

Blue (78%)



Red (25%)

Yellow (62%)

Blue (91%)

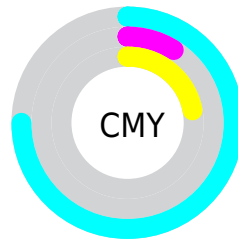


Cyan (72%)

Magenta (0%)

Yellow (13%)

Black (9%)



Cyan (75%)

Magenta (9%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 41E7C8 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 41E7C8 by changing the saturation by 10% instead.



 41E7C8

 41E7C8

FFFFFF

 00CAAD

 87FFFF

 00AE92

 A6FFFF

 009378

 C5FFFF

 007960

 E4FFFF

 005F48

 004632

 002F1D

 001304

 000000

 41E7C8

 41E7C8

 2AE7C4

 58E7CC

 13E7BF

 6FE7D1

 00E7BC

 86E7D5

 9DE7D9

 B5E7DE

 CCE7E2

 E3E7E6

 FAE7EB

 FFE7EF

# Harmonies

## Analogous

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



8BE29B



41E7C8



00E7F7

# Triad

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



41E7C8



CCC5FF



FFBA83

# Complementary

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



41E7C8



E74160

# 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.



FFADA8



41E7C8



FFB4FF

# Square

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



41E7C8



7CD5FF



FFAAD6



F1CB72

# Rectangle

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



41E7C8



00E3FF



FFAAD6



FFB58E

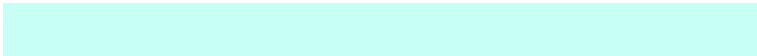


# Sweetspot

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



41E7C8



C7FFF5



62E741



5E8079



000000



808080



# Same Dimension

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



41E7C8



24FFD6



41B5E7



677371



00B391



003329



# Inverse Universe

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



E74160



FF244D



E77341



736769



B30021

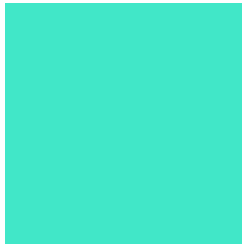


33000A



# Previews

## White Background



This preview shows how the Hex color 41E7C8 looks on a white background.

## Color Contrast Check

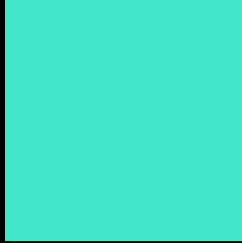
Large Text (above 18pt) WCAG AA × Fail

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 41E7C8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

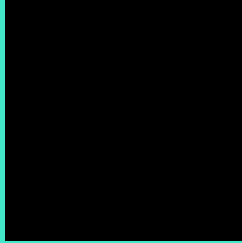
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

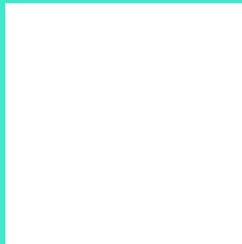
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 41E7C8 Background



This preview shows how black text looks on a background with the Hex color 41E7C8.



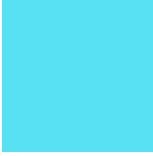
This preview shows how white text looks on a background with the Hex color 41E7C8.

# 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**  
58E1F3

# Trichromacy



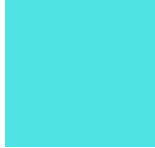
**Original Color**  
41E7C8



**Protanomaly**  
A0D6BF



**Deuteranomaly**  
A6D3CC

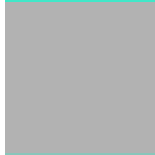


**Tritanomaly**  
50E3E3

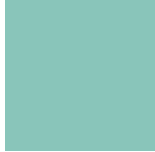
# Monochromacy



**Original Color**  
41E7C8



**Achromatopsia**  
B2B2B2



**Achromatomaly**  
89C5BA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 41E7C8 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 #41E7C8 looks like.

```
.text, #text, p{  
    color:#41E7C8  
}
```

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 #41E7C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41E7C8  
}
```

## Border

The CSS property to change the border of an element to Hex 41E7C8 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  
#41E7C8 }
```

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

```
.border{ border-color:#41E7C8 }
```

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

Here you see how a box with a 4 pixel #41E7C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41E7C8; -webkit-box-shadow:4px 4px  
4px 4px #41E7C8; box-shadow:4px 4px 4px  
4px #41E7C8 }
```

# Background

The CSS property to change the background color of an element to Hex 41E7C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41E7C8 }
```

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

```
.background{ background-color:#41E7C8 }
```

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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