

# Converting Colors

Hex(40E1C3)

Have a look what the booklet for  
Hex(40E1C3) contains.

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# Color

**Hex(40E1C3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	40E1C3
RGB	64, 225, 195
RGB Percent	25%, 88%, 76%
CMY	0.7490, 0.1176, 0.2353
CMYK	0.72, 0.00, 0.13, 0.12
HSL	169°, 73%, 57%
HSV	169°, 72%, 88%
XYZ	38.8899, 58.8805, 60.9451
YIQ	173.4410, -86.3260, -43.4620

# Conversions

## Conversions Part 2

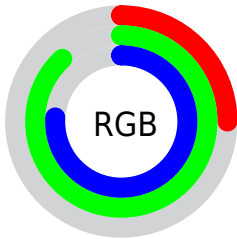
Format	Color
<a href="#">RYB</a>	<a href="#">64, 153, 225</a>
Decimal	<a href="#">4252099</a>
CIELab	<a href="#">81.23, -47.88, 2.81</a>
CIElCh	<a href="#">81, 47.964, 176.646</a>
Yxy	<a href="#">58.8805, 0.2450, 0.3710</a>
Android (android.graphics.Color)	<a href="#">4282442179</a> ( <a href="#">0xFF40E1C3</a> )
YUV	<a href="#">173.4410, 10.6286, -95.9798</a>
Hunter-Lab	<a href="#">76.7337, -43.8171, 6.6229</a>

# Details

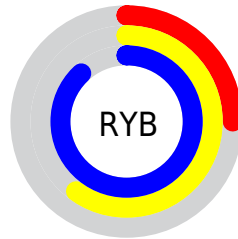
The Hex color **40E1C3** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted cyan. A complement of this color would be **E1405E**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **85FFFB**, and **00A98D** is the 20% darker color. If you saturate the color by 10%, you get **2AE1BF**, and if you desaturate by 10%, it is **57E1C7**.

# Distribution



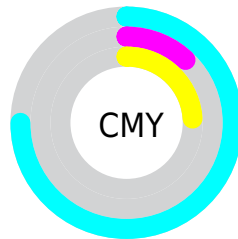
- Red (25%)
- Green (88%)
- Blue (76%)



- Red (25%)
- Yellow (60%)
- Blue (88%)



- Cyan (72%)
- Magenta (0%)
- Yellow (13%)
- Black (12%)



- Cyan (75%)
- Magenta (12%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 40E1C3 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 40E1C3 by changing the saturation by 10% instead.



 40E1C3

FFFFFF

 85FFFB

 A4FFFF

 C3FFFF

 E2FFFF

 40E1C3

 00C5A8

 00A98D

 008E74

 00735B

 005A44

 00412E

 002B19

 000800

 000000

 40E1C3

 40E1C3

 2AE1BF

 57E1C7

 13E1BB

 6DE1CB

 00E1B7

 84E1D0

 9AE1D4

 B1E1D8

 C7E1DC

 DEE1E0

 F4E1E5

 FFE1E9

# Harmonies

## Analogous

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



88DC97



40E1C3



00E1F1

# Triad

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



40E1C3



C7C0FF



FFB680

# Complementary

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



40E1C3



E1405E

# 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.



FFA9A4



40E1C3



FDB0FC

# Square

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



40E1C3



7AD0FF



FFA6D1



EBC56F

# Rectangle

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



40E1C3



00DEFF



FFA6D1



FFB18A

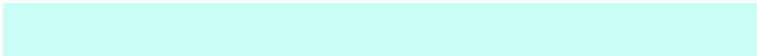


# Sweetspot

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



40E1C3



C9FFF5



60E140



60807A



000000



808080



# Same Dimension

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



40E1C3



24FFD6



40B1E1



65706E



00B08F



003027



# Inverse Universe

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



E1405E



FF244D



E17040



706567



B00021

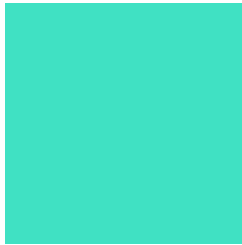


300009



# Previews

## White Background



This preview shows how the Hex color 40E1C3 looks on a white background.

## Color Contrast Check

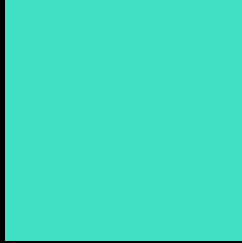
Large Text (above 18pt) WCAG AA × Fail

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 40E1C3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

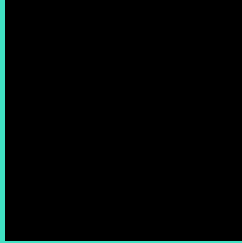
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

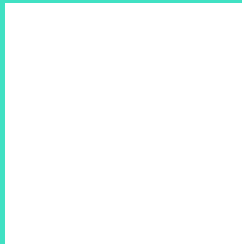
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 40E1C3 Background



This preview shows how black text looks on a background with the Hex color 40E1C3.

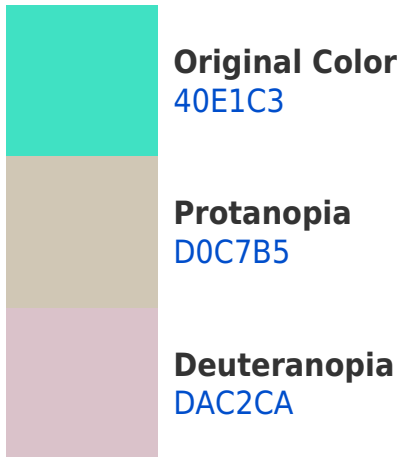


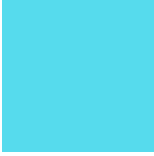
This preview shows how white text looks on a background with the Hex color 40E1C3.

# 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



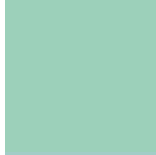


**Tritanopia**  
56DBED

# Trichromacy



**Original Color**  
40E1C3



**Protanomaly**  
9CD0BA



**Deuteranomaly**  
A2CDC7

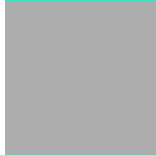


**Tritanomaly**  
4EDDDE

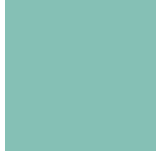
# Monochromacy



**Original Color**  
40E1C3



**Achromatopsia**  
ADADAD



**Achromatomaly**  
85C0B5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 40E1C3 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 #40E1C3 looks like.

```
.text, #text, p{  
    color:#40E1C3  
}
```

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 #40E1C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40E1C3
}
```

## Border

The CSS property to change the border of an element to Hex 40E1C3 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
#40E1C3 }
```

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

```
.border{ border-color:#40E1C3 }
```

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

Here you see how a box with a 4 pixel #40E1C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40E1C3; -webkit-box-shadow:4px 4px  
4px 4px #40E1C3; box-shadow:4px 4px 4px  
4px #40E1C3 }
```

# Background

The CSS property to change the background color of an element to Hex 40E1C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40E1C3 }
```

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

```
.background{ background-color:#40E1C3 }
```

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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