

# Converting Colors

Hex(40E6CE)

Have a look what the booklet for  
Hex(40E6CE) contains.

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# Color

**Hex(40E6CE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	40E6CE
RGB	64, 230, 206
RGB Percent	25%, 90%, 81%
CMY	0.7490, 0.0980, 0.1922
CMYK	0.72, 0.00, 0.10, 0.10
HSL	171°, 77%, 58%
HSV	171°, 72%, 90%
XYZ	41.5517, 62.1398, 68.1967
YIQ	177.6300, -91.2320, -42.6560

# Conversions

## Conversions Part 2

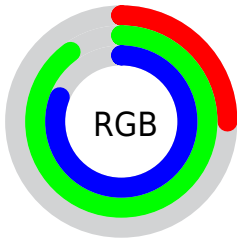
Format	Color
<a href="#">RYB</a>	<a href="#">64, 153, 230</a>
Decimal	<a href="#">4253390</a>
CIELab	<a href="#">82.99, -47.19, -0.45</a>
CIELCh	<a href="#">83, 47.195, 180.547</a>
Yxy	<a href="#">62.1398, 0.2417, 0.3615</a>
Android (android.graphics.Color)	<a href="#">4282443470</a> ( <a href="#">0xFF40E6CE</a> )
YUV	<a href="#">177.6300, 13.9864, -99.6535</a>
Hunter-Lab	<a href="#">78.8288, -43.8607, 3.8870</a>

# Details

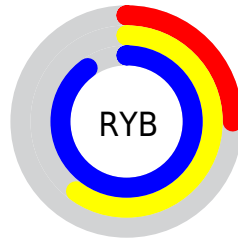
The Hex color **40E6CE** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light muted cyan. A complement of this color would be **E64058**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **86FFFF**, and **00AE98** is the 20% darker color. If you saturate the color by 10%, you get **29E6CB**, and if you desaturate by 10%, it is **57E6D1**.

# Distribution



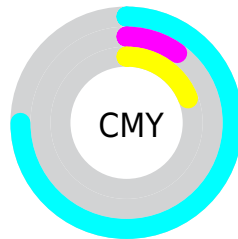
- Red (25%)
- Green (90%)
- Blue (81%)



- Red (25%)
- Yellow (60%)
- Blue (90%)



- Cyan (72%)
- Magenta (0%)
- Yellow (10%)
- Black (10%)



- Cyan (75%)
- Magenta (10%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 40E6CE 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 40E6CE by changing the saturation by 10% instead.



 40E6CE

 40E6CE

FFFFFF

 00C9B3

 86FFFF

 00AE98

 A6FFFF

 00927E

 C5FFFF

 007865

 E4FFFF

 005E4D

 004537

 002F21

 00130B

 000000

 40E6CE

 40E6CE

 29E6CB

 57E6D1

 12E6C7

 6EE6D5

 00E6C5

 85E6D8

 9CE6DB

 B3E6DF

 CAE6E2

 E1E6E5

 F8E6E9

 FFE6EC

# Harmonies

## Analogous

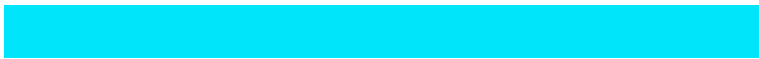
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86E2A1



40E6CE



00E5FA

# Triad

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



40E6CE



D4C3FF



FFBD82

# Complementary

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



40E6CE



E64058

# 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.



FFB0A4



40E6CE



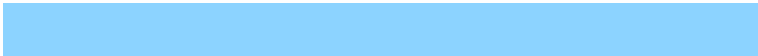
FFB3FB

# Square

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



40E6CE



8CD3FF



FFABD0



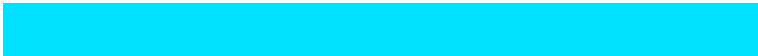
EACC75

# Rectangle

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



40E6CE



00E1FF



FFABD0



FFB88C

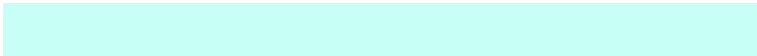


# Sweetspot

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



40E6CE



C7FFF7



59E640



5E807B



000000



808080



# Same Dimension

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



40E6CE



21FFDF



40ACE6



677371



00B399



00332C



# Inverse Universe

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



E64058



FF2141



E67A40



736769



B3001A

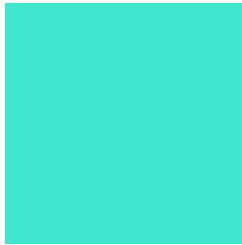


330007



# Previews

## White Background



This preview shows how the Hex color 40E6CE looks on a white background.

## Color Contrast Check

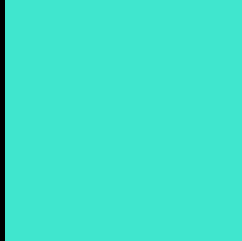
Large Text (above 18pt) WCAG AA × Fail

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 40E6CE 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

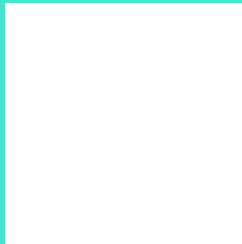
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 40E6CE Background



This preview shows how black text looks on a background with the Hex color 40E6CE.



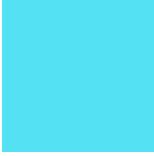
This preview shows how white text looks on a background with the Hex color 40E6CE.

# 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



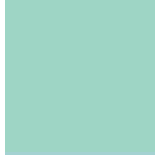


**Tritanopia**  
54E1F3

# Trichromacy



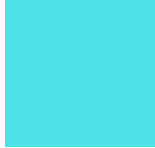
**Original Color**  
40E6CE



**Protanomaly**  
9ED5C5



**Deuteranomaly**  
A4D2D2

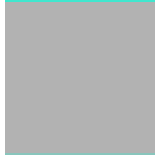


**Tritanomaly**  
4DE3E6

# Monochromacy



**Original Color**  
40E6CE



**Achromatopsia**  
B2B2B2



**Achromatomaly**  
89C5BC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 40E6CE 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 #40E6CE looks like.

```
.text, #text, p{  
    color:#40E6CE  
}
```

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 #40E6CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40E6CE
}
```

## Border

The CSS property to change the border of an element to Hex 40E6CE 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
#40E6CE }
```

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

```
.border{ border-color:#40E6CE }
```

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

Here you see how a box with a 4 pixel #40E6CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40E6CE; -webkit-box-shadow:4px 4px  
4px 4px #40E6CE; box-shadow:4px 4px 4px  
4px #40E6CE }
```

# Background

The CSS property to change the background color of an element to Hex 40E6CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40E6CE }
```

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

```
.background{ background-color:#40E6CE }
```

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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