

Converting Colors

Hex(40E8C1)

Have a look what the booklet for
Hex(40E8C1) contains.

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Color

Hex(40E8C1)

Conversions

Conversions Part 1

Format	Color
Hex	40E8C1
RGB	64, 232, 193
RGB Percent	25%, 91%, 76%
CMY	0.7490, 0.0902, 0.2431
CMYK	0.72, 0.00, 0.17, 0.09
HSL	166°, 79%, 58%
HSV	166°, 72%, 91%
XYZ	40.5966, 62.6535, 60.4057
YIQ	177.3220, -87.6090, -47.7450

Conversions

Conversions Part 2

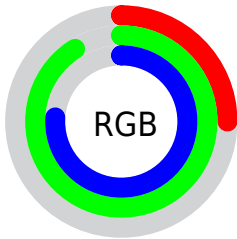
Format	Color
RYB	64, 159, 232
Decimal	4253889
CIELab	83.26, -51.30, 6.80
CIElCh	83, 51.744, 172.448
Yxy	62.6535, 0.2481, 0.3828
Android (android.graphics.Color)	4282443969 (0xFF40E8C1)
YUV	177.3220, 7.7293, -99.3834
Hunter-Lab	79.1539, -46.9700, 10.1610

Details

The Hex color **40E8C1** 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 **E84067**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **86FFF9**, and **00AF8C** is the 20% darker color. If you saturate the color by 10%, you get **29E8BC**, and if you desaturate by 10%, it is **57E8C6**.

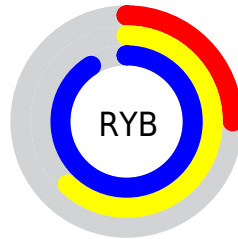
Distribution



Red (25%)

Green (91%)

Blue (76%)



Red (25%)

Yellow (62%)

Blue (91%)

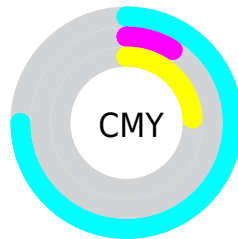


Cyan (72%)

Magenta (0%)

Yellow (17%)

Black (9%)



Cyan (75%)

Magenta (9%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40E8C1 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 40E8C1 by changing the saturation by 10% instead.

 40E8C1

FFFFFF

 86FFF9

 A5FFFF


 C4FFFF

 E3FFFF

 40E8C1

 00CBA6

 00AF8C

 009472

 00795A

 005F42

 00462C

 003017

 001400

 000000

 40E8C1

 40E8C1

 29E8BC

 57E8C6

 12E8B6

 6EE8CC

 00E8B2

 86E8D1

 9DE8D7

 B4E8DC

 CBE8E1

 E2E8E7

 FAE8EC

 FFE8F1

Harmonies

Analogous

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



90E292



40E8C1



00E8F3

Triad

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



40E8C1



C1C7FF



FFB784

Complementary

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



40E8C1



E84067

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.



FFAAAD



40E8C1



FFB5FF

Square

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



40E8C1



65D8FF



FFA9DE



F9C86E

Rectangle

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



40E8C1



00E6FF



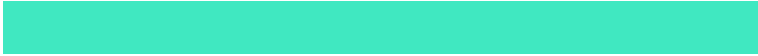
FFA9DE



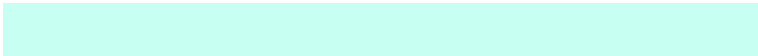
FFB290

Sweetspot

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



40E8C1



C7FFF2



67E840



5E8078



000000



808080

Same Dimension

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



40E8C1



21FFCB



40BBE8



677370



00B389



003327

Inverse Universe

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



E84067



FF2155



E86D40



73676A



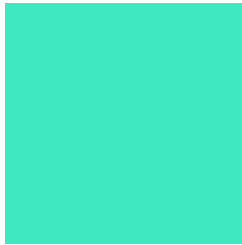
B30029



33000C

Previews

White Background



This preview shows how the Hex color 40E8C1 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 40E8C1 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

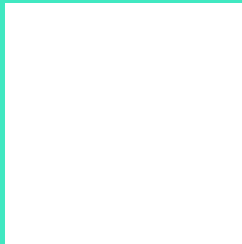
Any Text WCAG AAA ✓ Pass

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

Hex 40E8C1 Background



This preview shows how black text looks on a background with the Hex color 40E8C1.



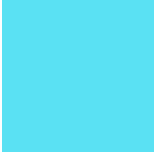
This preview shows how white text looks on a background with the Hex color 40E8C1.

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
5AE1F3

Trichromacy



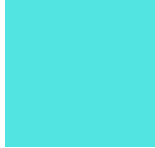
Original Color
40E8C1



Protanomaly
A0D7B8



Deuteranomaly
A8D3C5

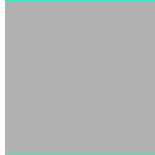


Tritanomaly
51E4E1

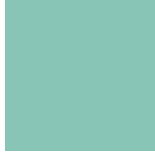
Monochromacy



Original Color
40E8C1



Achromatopsia
B1B1B1



Achromatomaly
88C5B7

CSS Examples

Text

The CSS property to change the color of the text to Hex 40E8C1 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 #40E8C1 looks like.

```
.text, #text, p{  
    color:#40E8C1  
}
```

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 #40E8C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40E8C1
}
```

Border

The CSS property to change the border of an element to Hex 40E8C1 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
#40E8C1 }
```

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

```
.border{ border-color:#40E8C1 }
```

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

Here you see how a box with a 4 pixel #40E8C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40E8C1; -webkit-box-shadow:4px 4px  
4px 4px #40E8C1; box-shadow:4px 4px 4px  
4px #40E8C1 }
```

Background

The CSS property to change the background color of an element to Hex 40E8C1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40E8C1 }
```

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

```
.background{ background-color:#40E8C1 }
```

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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