

Converting Colors

Hex(40CBBA)

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

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Color

Hex(40CBBA)

Conversions

Conversions Part 1

Format	Color
Hex	40CBBA
RGB	64, 203, 186
RGB Percent	25%, 80%, 73%
CMY	0.7490, 0.2039, 0.2706
CMYK	0.68, 0.00, 0.08, 0.20
HSL	173°, 57%, 52%
HSV	173°, 68%, 80%
XYZ	32.3332, 47.3470, 53.8891
YIQ	159.5010, -77.3870, -34.7550

Conversions

Conversions Part 2

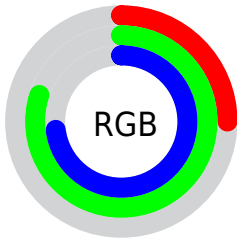
Format	Color
RYB	64, 138, 203
Decimal	4246458
CIELab	74.41, -40.66, -2.32
CIElCh	74, 40.731, 183.265
Yxy	47.3470, 0.2421, 0.3545
Android (android.graphics.Color)	4282436538 (0xFF40CBBA)
YUV	159.5010, 13.0640, -83.7544
Hunter-Lab	68.8092, -36.5395, 1.7324

Details

The Hex color **40CBBA** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted spring green. A complement of this color would be **CB4051**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **81FFF2**, and **009485** is the 20% darker color. If you saturate the color by 10%, you get **2CCBB8**, and if you desaturate by 10%, it is **54CBBC**.

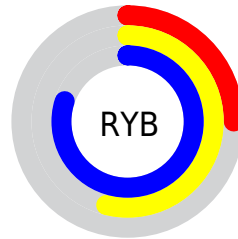
Distribution



Red (25%)

Green (80%)

Blue (73%)



Red (25%)

Yellow (54%)

Blue (80%)

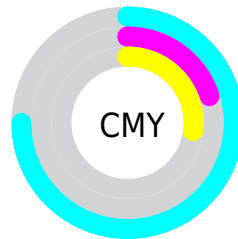


Cyan (68%)

Magenta (0%)

Yellow (8%)

Black (20%)



Cyan (75%)

Magenta (20%)

Yellow (27%)

Brightness & Saturation Gradients

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

 40CBBA

 40CBBA

FFFFFF

 0BAF9F

 81FFF2

 009485

 A0FFFF

 007A6C

 BEFFFF

 006054

 DCFFFF

 00473D

 FBFFFF

 003027

 001913

 000000

 40CBBA

 40CBBA

 2CCBB8

 54CBBC

 17CBB5

 69CBBF

 03CBB3

 7DCBC1

 00CBB2

 91CBC4

 A6CBC6

 BACBC9

 CECBCB

 E2CBCE

 F7CBD0

Harmonies

Analogous

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



76C894



40CBBA



00CADF

Triad

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



40CBBA



C1ACF6



EBA975

Complementary

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



40CBBA



CB4051

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.



FD9E90



40CBBA



EA9FD9

Square

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



40CBBA



87B9FF



FE9AB4



CCB66B

Rectangle

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



40CBBA



26C6F2



FE9AB4



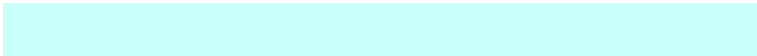
F3A57C

Sweetspot

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



40CBBA



C9FFF8



53CB40



60807C



000000



808080

Same Dimension

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



40CBBA



2EFFE5



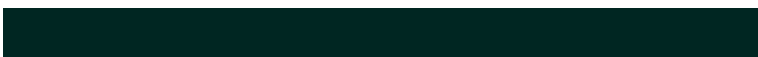
4098CB



5C6665



00A691



002622

Inverse Universe

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



CB4051



FF2E47



CB7340



665C5D



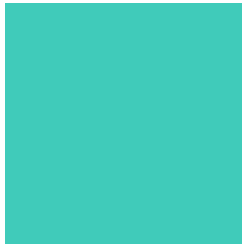
A60014



260005

Previews

White Background



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

Color Contrast Check

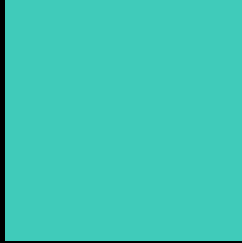
Large Text (above 18pt) WCAG AA × Fail

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 40CBBA 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

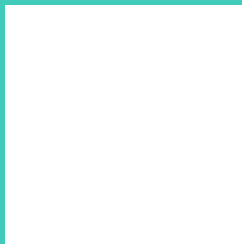
Any Text WCAG AAA ✓ Pass

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

Hex 40CBBA Background



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

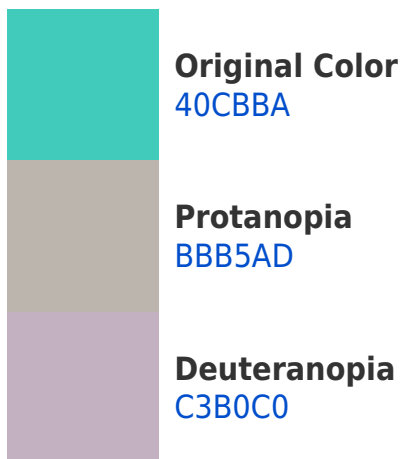


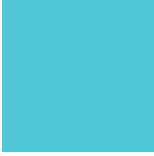
This preview shows how white text looks on a background with the Hex color 40CBBA.

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
4FC7D7

Trichromacy



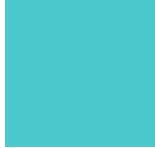
Original Color
40CBBA



Protanomaly
8EBDB2



Deuteranomaly
93BABE



Tritanomaly
4AC8CC

Monochromacy



Original Color
40CBBA



Achromatopsia
A0A0A0



Achromatomaly
7DB0A9

CSS Examples

Text

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

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

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 #40CBBA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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