

Converting Colors

Hex(40ABB5)

Have a look what the booklet for
Hex(40ABB5) contains.

Hex(40ABB5)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(40ABB5)

Conversions

Conversions Part 1

Format	Color
Hex	40ABB5
RGB	64, 171, 181
RGB Percent	25%, 67%, 71%
CMY	0.7490, 0.3294, 0.2902
CMYK	0.65, 0.06, 0.00, 0.29
HSL	185°, 48%, 48%
HSV	185°, 65%, 71%
XYZ	25.0178, 33.5520, 48.8737
YIQ	140.1470, -66.9820, -19.5740

Conversions

Conversions Part 2

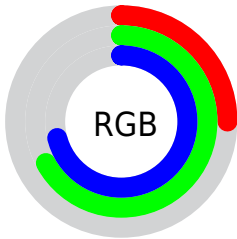
Format	Color
RYB	64, 120, 181
Decimal	4238261
CIELab	64.61, -27.00, -14.16
CIELCh	65, 30.489, 207.669
Yxy	33.5520, 0.2328, 0.3123
Android (android.graphics.Color)	4282428341 (0xFF40ABB5)
YUV	140.1470, 20.1405, -66.7809
Hunter-Lab	57.9241, -24.2720, -9.4793




Details

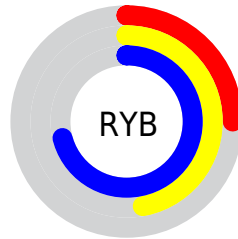
The Hex color **40ABB5** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B54A40**, and the grayscale version is **8C8C8C**.




A 20% lighter version of the original color is **7DE3ED**, and **007680** is the 20% darker color. If you saturate the color by 10%, you get **2EA9B5**, and if you desaturate by 10%, it is **52ADB5**.

Distribution







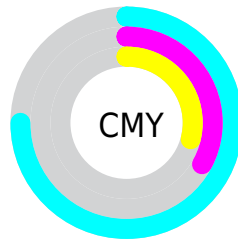
-  Red (25%)
-  Green (67%)
-  Blue (71%)






-  Red (25%)
-  Yellow (47%)
-  Blue (71%)



-  Cyan (65%)
-  Magenta (6%)
-  Yellow (0%)
-  Black (29%)



-  Cyan (75%)
-  Magenta (33%)
-  Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40ABB5 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 40ABB5 by changing the saturation by 10% instead.

40ABB5

40ABB5

FFFFFF

17909A

7DE3ED

007680

9BFFFF

005D67

B8FFFF

00454F

D6FFFF

002E38

F3FFFF

001A23

00000C

000000

40ABB5

40ABB5

■ 2EA9B5

■ 52ADB5

■ 1CA8B5

■ 64AEB5

■ 0AA6B5

■ 76B0B5

■ 00A6B5

■ 88B1B5

■ 9BB3B5

■ ADB4B5

■ BFB6B5

■ D1B7B5

■ E3B9B5

Harmonies

Analogous

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



55AB9A



40ABB5



4EA7CA

Triad

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



40ABB5



BD8DBA



B19A66

Complementary

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



40ABB5



B54A40

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.



C79170



40ABB5



CF88A0

Square

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



40ABB5



9D96CD



D28A85



95A36C

Rectangle

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



40ABB5



67A3D1



D28A85



BA9768

Sweetspot

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



40ABB5



BEE7EB



40B54A



5A7375



F5F5F5



757575

Same Dimension

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



40ABB5



34DBEB



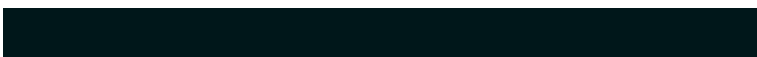
4071B5



505859



008C99



00171A

Inverse Universe

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



B540AB



EB34DB



B58440



595058



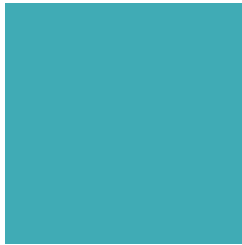
99008C



1A0017

Previews

White Background



This preview shows how the Hex color 40ABB5 looks on a white background.

Color Contrast Check

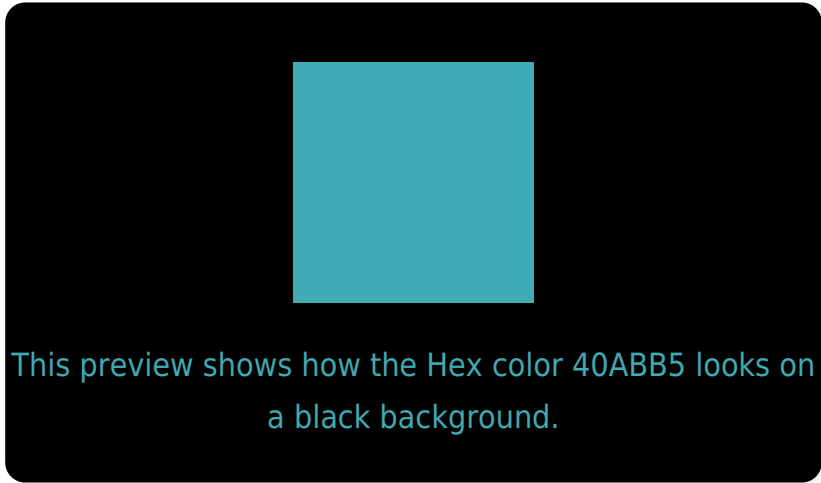
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

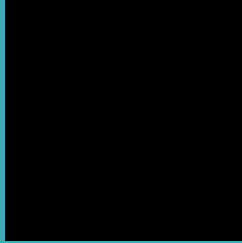
Any Text WCAG AA ✓ Pass

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 40ABB5 Background



This preview shows how black text looks on a background with the Hex color 40ABB5.

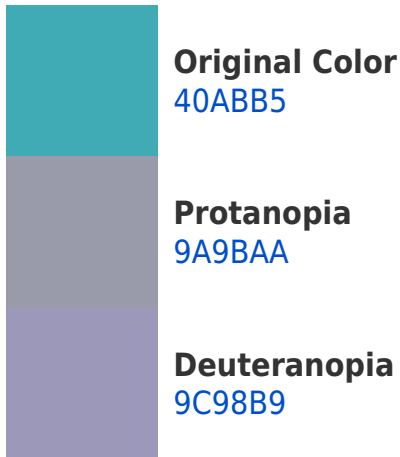


This preview shows how white text looks on a background with the Hex color 40ABB5.

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](#).

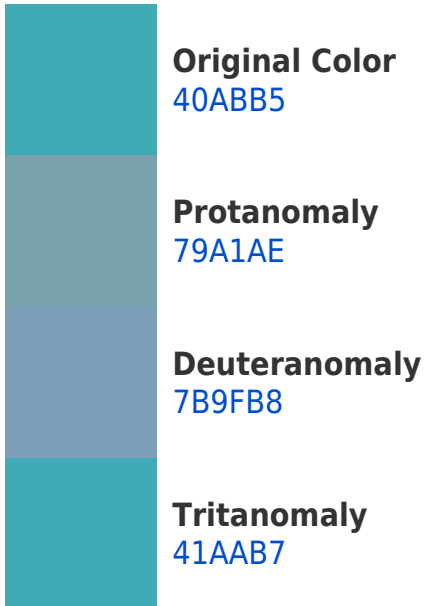
Dichromacy



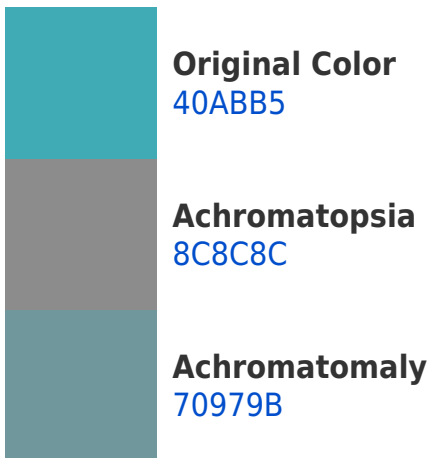


Tritanopia
42AAB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 40ABB5 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 #40ABB5 looks like.

```
.text, #text, p{  
    color:#40ABB5  
}
```

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 #40ABB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40ABB5
}
```

Border

The CSS property to change the border of an element to Hex 40ABB5 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
#40ABB5 }
```

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

```
.border{ border-color:#40ABB5 }
```

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

Here you see how a box with a 4 pixel #40ABB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40ABB5; -webkit-box-shadow:4px 4px  
4px 4px #40ABB5; box-shadow:4px 4px 4px  
4px #40ABB5 }
```

Background

The CSS property to change the background color of an element to Hex 40ABB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40ABB5 }
```

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

```
.background{ background-color:#40ABB5 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor