

Converting Colors

Hex(40ABA1)

Have a look what the booklet for
Hex(40ABA1) contains.

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Color

Hex(40ABA1)

Conversions

Conversions Part 1

Format	Color
Hex	40ABA1
RGB	64, 171, 161
RGB Percent	25%, 67%, 63%
CMY	0.7490, 0.3294, 0.3686
CMYK	0.63, 0.00, 0.06, 0.33
HSL	174°, 46%, 46%
HSV	174°, 63%, 67%
XYZ	23.1103, 32.7890, 38.8291
YIQ	137.8670, -60.5620, -25.7940

Conversions

Conversions Part 2

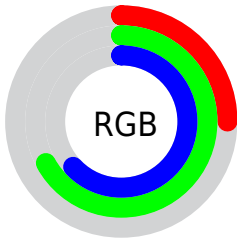
Format	Color
RYB	64, 120, 171
Decimal	4238241
CIELab	63.99, -32.71, -3.91
CIElCh	64, 32.942, 186.825
Yxy	32.7890, 0.2440, 0.3461
Android (android.graphics.Color)	4282428321 (0xFF40ABA1)
YUV	137.8670, 11.4046, -64.7814
Hunter-Lab	57.2617, -28.1670, -0.1213

Details

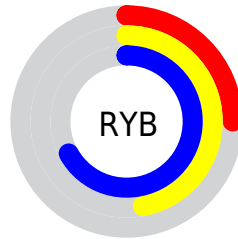
The Hex color **40ABA1** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AB404A**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **7CE3D8**, and **00766E** is the 20% darker color. If you saturate the color by 10%, you get **2FAB9F**, and if you desaturate by 10%, it is **51ABA3**.

Distribution



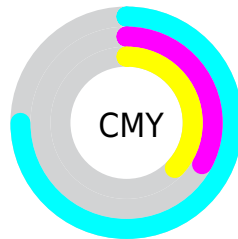
- Red (25%)
- Green (67%)
- Blue (63%)



- Red (25%)
- Yellow (47%)
- Blue (67%)



- Cyan (63%)
- Magenta (0%)
- Yellow (6%)
- Black (33%)



- Cyan (75%)
- Magenta (33%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40ABA1 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 40ABA1 by changing the saturation by 10% instead.

 40ABA1

 40ABA1

FFFFFF

 1A9087

 7CE3D8

 00766E

 99FFF4

 005D55

 B6FFFF

 00453E

 D3FFFF

 002E28

 F1FFFF

 001714

 000000

 40ABA1

 40ABA1

 2FAB9F

 51ABA3

■ 1EAB9E

■ 62ABA4

■ 0DAB9C

■ 73ABA6

■ 00AB9B

■ 84ABA7

■ 95ABA9

■ A7ABAB

■ B8ABAC

■ C9ABAE

■ DAABAF

Harmonies

Analogous

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



65A983



40ABA1



2CA9BD

Triad

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



40ABA1



A791CA



C29166

Complementary

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



40ABA1



AB404A

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.



D28879



40ABA1



C688B3

Square

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



40ABA1



7D9CD5



D48495



A89B60

Rectangle

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



40ABA1



3EA6CB



D48495



C98E6B

Sweetspot

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



40ABA1



B4DEDA



4BAB40



56706E



F0F0F0



707070

Same Dimension

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



40ABA1



37DECE



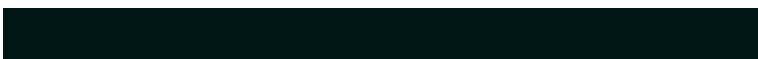
4080AB



4E5756



009688



001715

Inverse Universe

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



AB404A



DE3747



AB6B40



574E4F



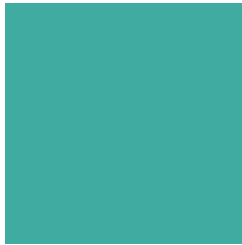
96000E



170002

Previews

White Background



This preview shows how the Hex color 40ABA1 looks on a white background.

Color Contrast Check

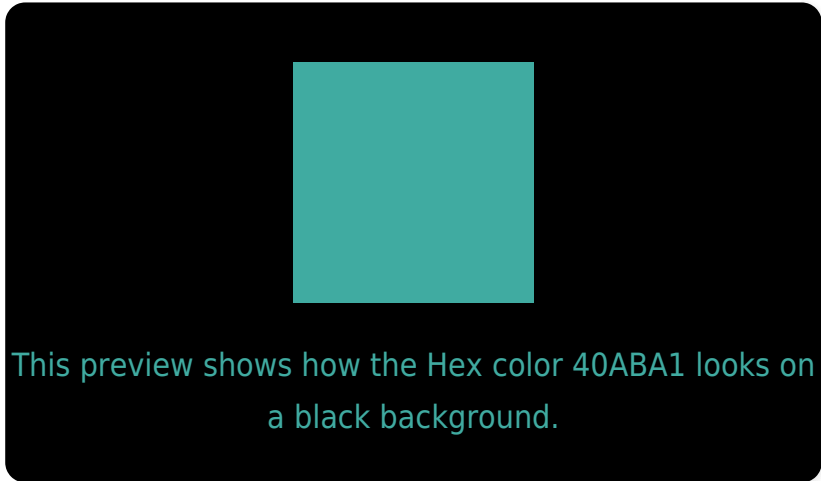
Large Text (above 18pt) WCAG AA × Fail

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 40ABA1 Background



This preview shows how black text looks on a background with the Hex color 40ABA1.

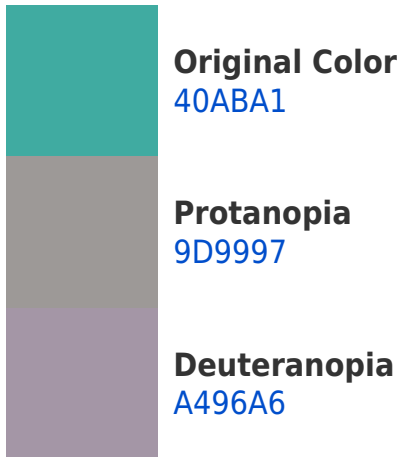


This preview shows how white text looks on a background with the Hex color 40ABA1.

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



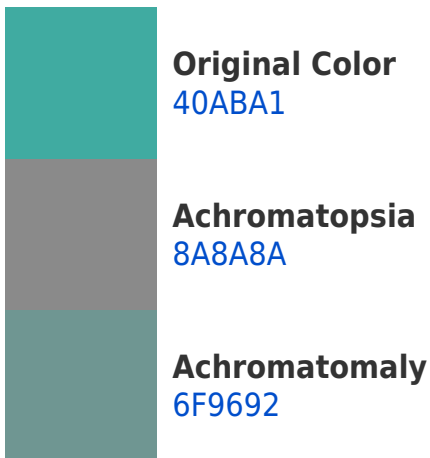


Tritanopia
49A8B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 40ABA1 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 #40ABA1 looks like.

```
.text, #text, p{  
    color:#40ABA1  
}
```

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 #40ABA1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40ABA1  
}
```

Border

The CSS property to change the border of an element to Hex 40ABA1 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  
#40ABA1 }
```

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

```
.border{ border-color:#40ABA1 }
```

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

Here you see how a box with a 4 pixel #40ABA1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40ABA1; -webkit-box-shadow:4px 4px  
4px 4px #40ABA1; box-shadow:4px 4px 4px  
4px #40ABA1 }
```

Background

The CSS property to change the background color of an element to Hex 40ABA1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40ABA1 }
```

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

```
.background{ background-color:#40ABA1 }
```

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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