

Converting Colors

Hex(41B0AC)

Have a look what the booklet for
Hex(41B0AC) contains.

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Color

Hex(41B0AC)

Conversions

Conversions Part 1

Format	Color
Hex	41B0AC
RGB	65, 176, 172
RGB Percent	25%, 69%, 67%
CMY	0.7451, 0.3098, 0.3255
CMYK	0.63, 0.00, 0.02, 0.31
HSL	178°, 46%, 47%
HSV	178°, 63%, 69%
XYZ	25.1517, 35.1530, 44.4893
YIQ	142.3550, -64.8720, -24.7760

Conversions

Conversions Part 2

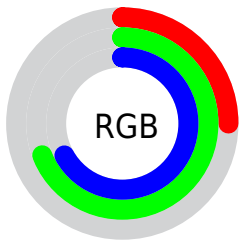
Format	Color
RYB	65, 122, 176
Decimal	4305068
CIELab	65.87, -31.87, -7.26
CIELCh	66, 32.688, 192.830
Yxy	35.1530, 0.2400, 0.3354
Android (android.graphics.Color)	4282495148 (0xFF41B0AC)
YUV	142.3550, 14.6150, -67.8403
Hunter-Lab	59.2900, -28.0351, -2.9863

Details

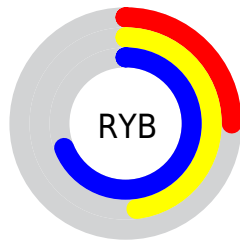
The Hex color **41B0AC** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B04145**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **7EE8E3**, and **007B78** is the 20% darker color. If you saturate the color by 10%, you get **2FB0AB**, and if you desaturate by 10%, it is **53B0AD**.

Distribution



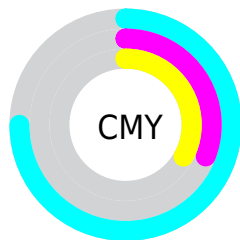
- Red (25%)
- Green (69%)
- Blue (67%)



- Red (25%)
- Yellow (48%)
- Blue (69%)



- Cyan (63%)
- Magenta (0%)
- Yellow (2%)
- Black (31%)



- Cyan (75%)
- Magenta (31%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 41B0AC 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 41B0AC by changing the saturation by 10% instead.

 41B0AC

 41B0AC


FFFFFF

 1A9591

 7EE8E3

 007B78

 9BFFFF

 00625F

 B8FFFF

 004948

 D6FFFF

 003231

 F4FFFF

 001E1C

 000000

 41B0AC

 41B0AC

 2FB0AB

 53B0AD

■ 1EB0AB

■ 64B0AD

■ 0CB0AA

■ 76B0AE

■ 00B0AA

■ 87B0AF

■ 99B0AF

■ ABB0B0

■ BCB0B0

■ CEB0B1

■ DFB0B2

Harmonies

Analogous

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



63AF8E



41B0AC



39AEC7

Triad

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



41B0AC



B494CB



C39868

Complementary

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



41B0AC



B04145

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.



D58F7A



41B0AC



CF8CB2

Square

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



41B0AC



8B9FD9



DA8A94



A7A266

Rectangle

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



41B0AC



4EAAD3



DA8A94



CA956D

Sweetspot

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



41B0AC



BAE6E4



47B041



587372



F2F2F2



737373

Same Dimension

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



41B0AC



37E6DF



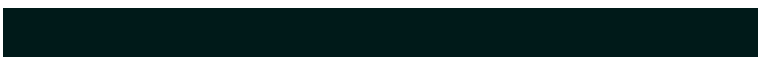
417EB0



505959



009993



001A19

Inverse Universe

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



B04145



E6373D



B07341



595051



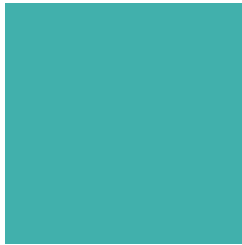
990006



1A0001

Previews

White Background



This preview shows how the Hex color 41B0AC looks on a white background.

Color Contrast Check

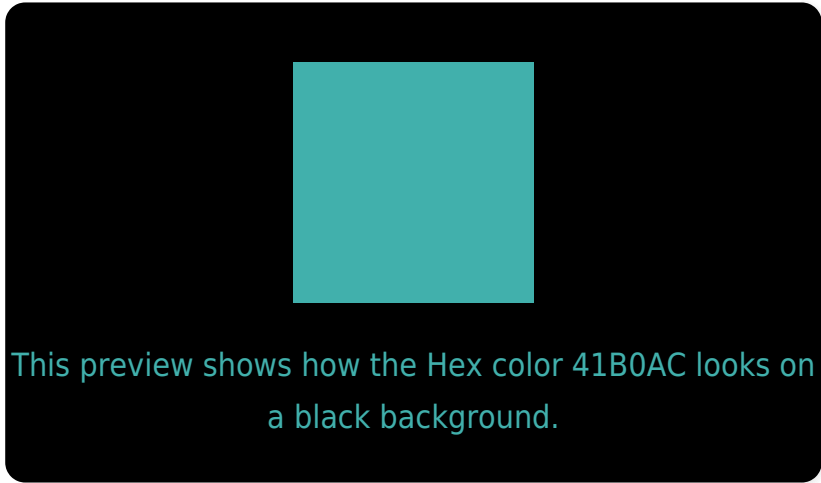
Large Text (above 18pt) WCAG AA × Fail

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

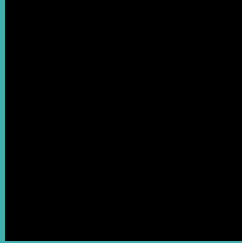
Any Text WCAG AA ✓ Pass

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 41B0AC Background



This preview shows how black text looks on a background with the Hex color 41B0AC.

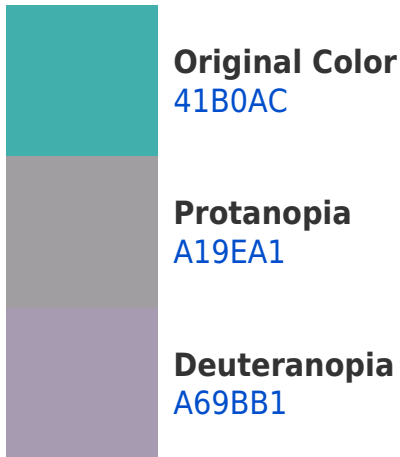


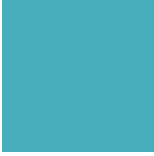
This preview shows how white text looks on a background with the Hex color 41B0AC.

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
48AEBC

Trichromacy



Original Color
41B0AC



Protanomaly
7EA5A5



Deuteranomaly
81A3AF



Tritanomaly
45AFB6

Monochromacy



Original Color
41B0AC



Achromatopsia
8E8E8E



Achromatomaly
729A99

CSS Examples

Text

The CSS property to change the color of the text to Hex 41B0AC 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 #41B0AC looks like.

```
.text, #text, p{  
    color:#41B0AC  
}
```

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 #41B0AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41B0AC
}
```

Border

The CSS property to change the border of an element to Hex 41B0AC 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
#41B0AC }
```

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

```
.border{ border-color:#41B0AC }
```

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

Here you see how a box with a 4 pixel #41B0AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41B0AC; -webkit-box-shadow:4px 4px  
4px 4px #41B0AC; box-shadow:4px 4px 4px  
4px #41B0AC }
```

Background

The CSS property to change the background color of an element to Hex 41B0AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41B0AC }
```

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

```
.background{ background-color:#41B0AC }
```

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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