

Converting Colors

Hex(41B1B0)

Have a look what the booklet for
Hex(41B1B0) contains.

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Color

Hex(41B1B0)

Conversions

Conversions Part 1

Format	Color
Hex	41B1B0
RGB	65, 177, 176
RGB Percent	25%, 69%, 69%
CMY	0.7451, 0.3059, 0.3098
CMYK	0.63, 0.00, 0.01, 0.31
HSL	179°, 46%, 47%
HSV	179°, 63%, 69%
XYZ	25.7386, 35.7027, 46.6090
YIQ	143.3980, -66.4310, -24.0550

Conversions

Conversions Part 2

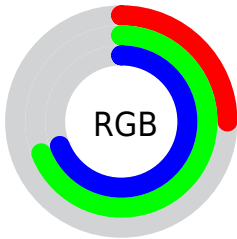
Format	Color
RYB	65, 121, 177
Decimal	4305328
CIELab	66.29, -31.22, -8.85
CIELCh	66, 32.453, 195.820
Yxy	35.7027, 0.2382, 0.3304
Android (android.graphics.Color)	4282495408 (0xFF41B1B0)
YUV	143.3980, 16.0728, -68.7550
Hunter-Lab	59.7517, -27.6751, -4.4227

Details

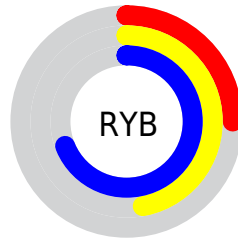
The Hex color **41B1B0** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B14142**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **7EE9E8**, and **007C7C** is the 20% darker color. If you saturate the color by 10%, you get **2FB1B0**, and if you desaturate by 10%, it is **53B1B0**.

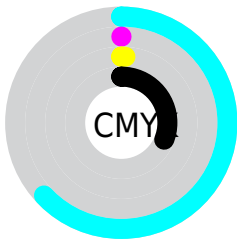
Distribution



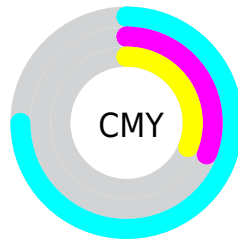
- Red (25%)
- Green (69%)
- Blue (69%)



- Red (25%)
- Yellow (47%)
- Blue (69%)



- Cyan (63%)
- Magenta (0%)
- Yellow (1%)
- Black (31%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 41B1B0 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 41B1B0 by changing the saturation by 10% instead.

 41B1B0

 41B1B0

FFFFFF

 199695

 7EE9E8

 007C7C

 9BFFFF

 006263

 B9FFFF

 004A4B

 D6FFFF

 003334

 F4FFFF

 001F1F

 000006

 000000

 41B1B0

 41B1B0

■ 2FB1B0

■ 53B1B0

■ 1EB1B0

■ 64B1B0

■ 0CB1B0

■ 76B1B0

■ 00B1AF

■ 88B1B1

■ 9AB1B1

■ ABB1B1

■ BDB1B1

■ CFB1B1

■ E0B1B1

Harmonies

Analogous

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



61B092



41B1B0



3EAECA

Triad

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



41B1B0



B894CA



C19B69

Complementary

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



41B1B0



B14142

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.



D49179



41B1B0



D28DB0

Square

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



41B1B0



919FD9



DB8B93



A5A468

Rectangle

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



41B1B0



54ABD6



DB8B93



C9976D

Sweetspot

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



41B1B0



BAE6E5



43B141



587373



F2F2F2



737373

Same Dimension

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



41B1B0



37E6E4



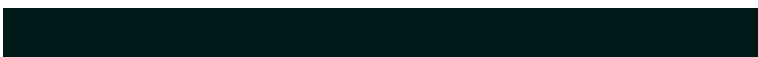
417BB1



505959



009998



001A19

Inverse Universe

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



B14142



E63739



B17741



595050



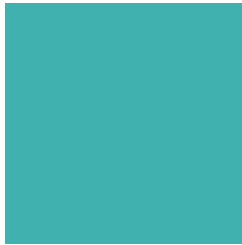
990001



1A0000

Previews

White Background



This preview shows how the Hex color 41B1B0 looks on a white background.

Color Contrast Check

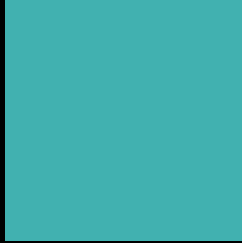
Large Text (above 18pt) WCAG AA × Fail

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 41B1B0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

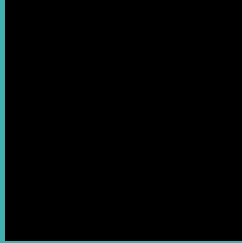
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

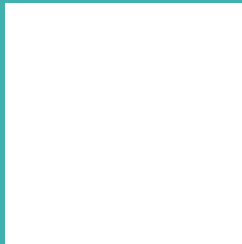
Any Text WCAG AAA ✓ Pass

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

Hex 41B1B0 Background



This preview shows how black text looks on a background with the Hex color 41B1B0.

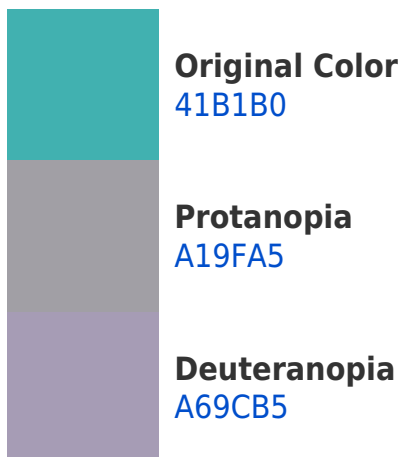


This preview shows how white text looks on a background with the Hex color 41B1B0.

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](#).

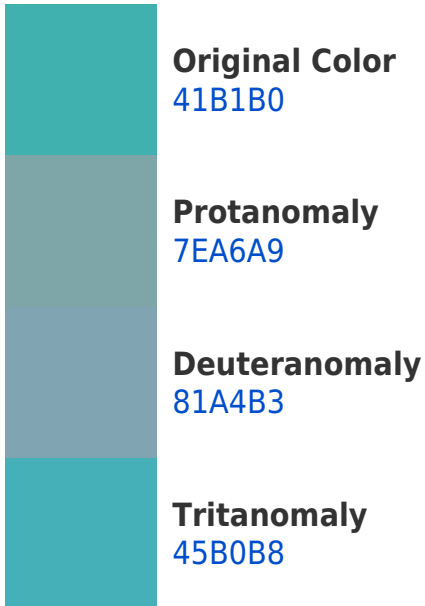
Dichromacy



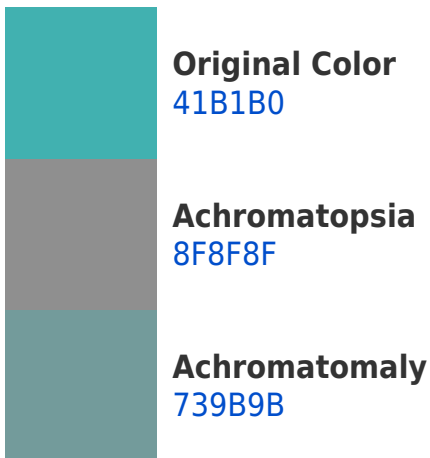


Tritanopia
47AFBD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 41B1B0 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 #41B1B0 looks like.

```
.text, #text, p{  
    color:#41B1B0  
}
```

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 #41B1B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41B1B0
}
```

Border

The CSS property to change the border of an element to Hex 41B1B0 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
#41B1B0 }
```

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

```
.border{ border-color:#41B1B0 }
```

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

Here you see how a box with a 4 pixel #41B1B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41B1B0; -webkit-box-shadow:4px 4px  
4px 4px #41B1B0; box-shadow:4px 4px 4px  
4px #41B1B0 }
```

Background

The CSS property to change the background color of an element to Hex 41B1B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41B1B0 }
```

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

```
.background{ background-color:#41B1B0 }
```

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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