

# Converting Colors

Hex(41B7C3)

Have a look what the booklet for  
Hex(41B7C3) contains.

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**Color**

**Hex(41B7C3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	41B7C3
RGB	65, 183, 195
RGB Percent	25%, 72%, 76%
CMY	0.7451, 0.2824, 0.2353
CMYK	0.67, 0.06, 0.00, 0.24
HSL	186°, 52%, 51%
HSV	186°, 67%, 76%
XYZ	28.9638, 38.9309, 57.6176
YIQ	149.0860, -74.1800, -21.2840

# Conversions

## Conversions Part 2

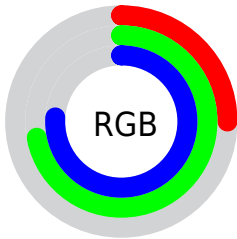
Format	Color
<a href="#">RYB</a>	<a href="#">65, 127, 195</a>
Decimal	<a href="#">4306883</a>
CIELab	<a href="#">68.70, -28.62, -15.73</a>
CIELCh	<a href="#">69, 32.663, 208.794</a>
Yxy	<a href="#">38.9309, 0.2308, 0.3102</a>
Android (android.graphics.Color)	<a href="#">4282496963</a> ( <a href="#">0xFF41B7C3</a> )
YUV	<a href="#">149.0860, 22.6356, -73.7434</a>
Hunter-Lab	<a href="#">62.3946, -26.3304, -11.0744</a>

# Details

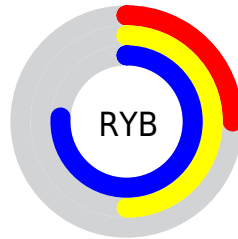
The Hex color **41B7C3** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **C34D41**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **80EFFC**, and **00828D** is the 20% darker color. If you saturate the color by 10%, you get **2EB5C3**, and if you desaturate by 10%, it is **55B9C3**.

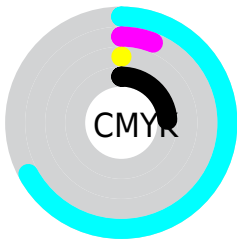
# Distribution



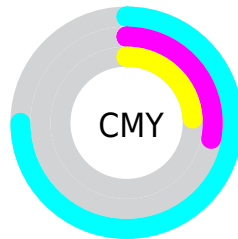
- Red (25%)
- Green (72%)
- Blue (76%)



- Red (25%)
- Yellow (50%)
- Blue (76%)



- Cyan (67%)
- Magenta (6%)
- Yellow (0%)
- Black (24%)



- Cyan (75%)
- Magenta (28%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 41B7C3 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 41B7C3 by changing the saturation by 10% instead.



 41B7C3

 41B7C3

FFFFFF

 139CA8

 80EFC

 00828D

 9EFFFF

 006874

 BCFFFF

 00505B

 DAFFFF

 003844

 F8FFFF

 00232D

 000119

 000000

 41B7C3

 41B7C3

■ 2EB5C3

■ 55B9C3

■ 1AB3C3

■ 68BBC3

■ 07B2C3

■ 7CBCC3

■ 00B1C3

■ 8FBEC3

■ A3C0C3

■ B6C2C3

■ CAC4C3

■ DDC5C3

■ F1C7C3

# Harmonies

## Analogous

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



58B8A5



41B7C3



52B3D9

# Triad

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



41B7C3



CC97C7



BDA56C

# Complementary

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



41B7C3



C34D41

# 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.



D59B76



41B7C3



DF91AA

# Square

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



41B7C3



AAA0DB



E1938D



9EAE73

# Rectangle

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



41B7C3



6EAEE1



E1938D



C6A26E

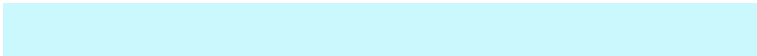


# Sweetspot

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



41B7C3



CAF8FC



41C34C



617D80



000000



808080

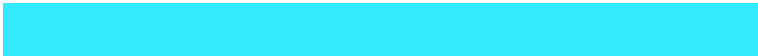


# Same Dimension

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



41B7C3



32EAFC



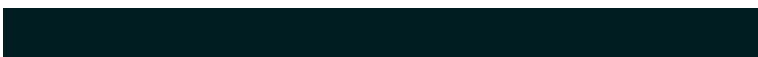
4177C3



576061



0092A1



001E21



# Inverse Universe

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



C341B7



FC32EA



C38D41



615760



A10092

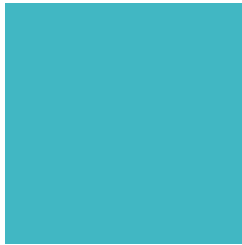


21001E



# Previews

## White Background



This preview shows how the Hex color 41B7C3 looks on a white background.

## Color Contrast Check

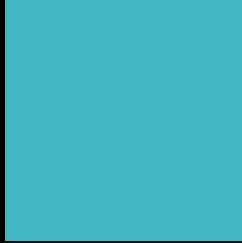
Large Text (above 18pt) WCAG AA × Fail

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 41B7C3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

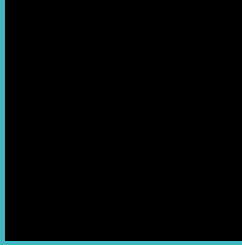
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 41B7C3 Background



This preview shows how black text looks on a background with the Hex color 41B7C3.

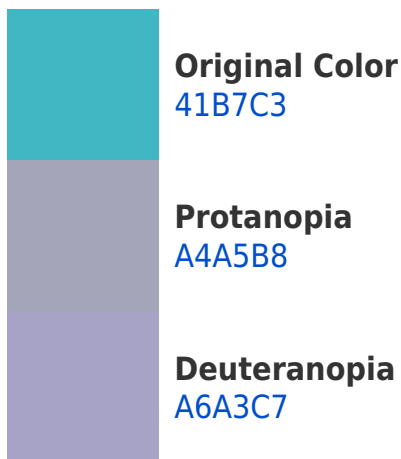


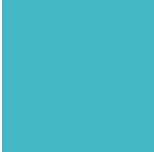
This preview shows how white text looks on a background with the Hex color 41B7C3.

# 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](#).

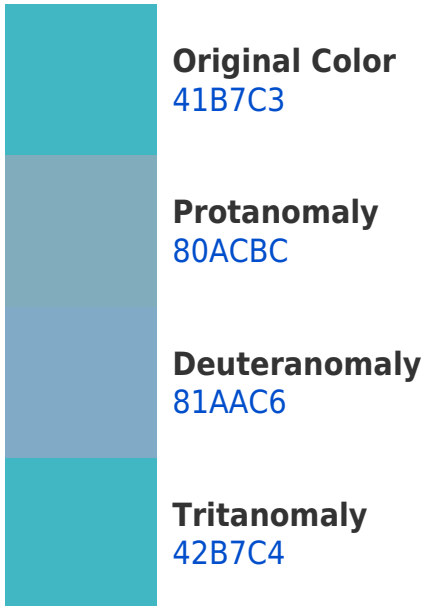
## Dichromacy



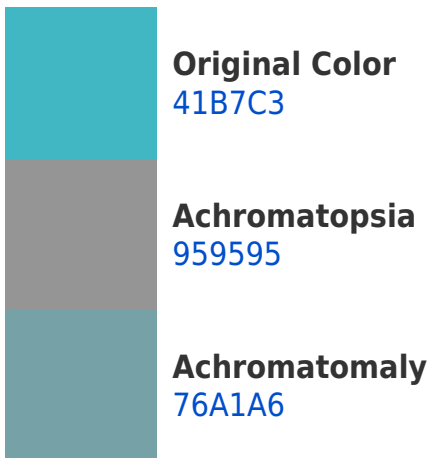


**Tritanopia**  
42B7C5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 41B7C3 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 #41B7C3 looks like.

```
.text, #text, p{  
    color:#41B7C3  
}
```

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 #41B7C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41B7C3
}
```

## Border

The CSS property to change the border of an element to Hex 41B7C3 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
#41B7C3 }
```

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

```
.border{ border-color:#41B7C3 }
```

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

Here you see how a box with a 4 pixel #41B7C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41B7C3; -webkit-box-shadow:4px 4px  
4px 4px #41B7C3; box-shadow:4px 4px 4px  
4px #41B7C3 }
```

# Background

The CSS property to change the background color of an element to Hex 41B7C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41B7C3 }
```

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

```
.background{ background-color:#41B7C3 }
```

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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