

Converting Colors

Hex(41B0BD)

Have a look what the booklet for
Hex(41B0BD) contains.

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Color

Hex(41B0BD)

Conversions

Conversions Part 1

Format	Color
Hex	41B0BD
RGB	65, 176, 189
RGB Percent	25%, 69%, 74%
CMY	0.7451, 0.3098, 0.2588
CMYK	0.66, 0.07, 0.00, 0.26
HSL	186°, 49%, 50%
HSV	186°, 66%, 74%
XYZ	26.8906, 35.8486, 53.6463
YIQ	144.2930, -70.3290, -19.4890

Conversions

Conversions Part 2

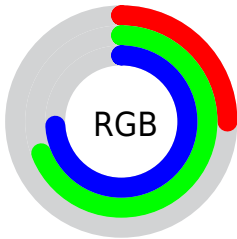
Format	Color
RYB	65, 124, 189
Decimal	4305085
CIELab	66.40, -26.95, -15.89
CIElCh	66, 31.285, 210.519
Yxy	35.8486, 0.2310, 0.3080
Android (android.graphics.Color)	4282495165 (0xFF41B0BD)
YUV	144.2930, 22.0406, -69.5400
Hunter-Lab	59.8737, -24.6107, -11.2117

Details

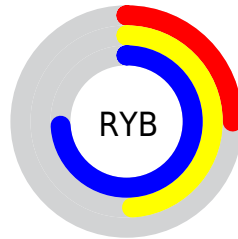
The Hex color **41B0BD** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **BD4E41**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **7FE8F5**, and **007B88** is the 20% darker color. If you saturate the color by 10%, you get **2EAEBD**, and if you desaturate by 10%, it is **54B2BD**.

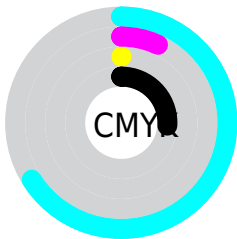
Distribution



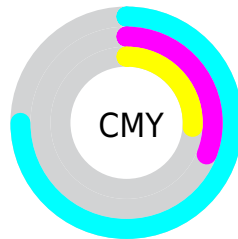
- Red (25%)
- Green (69%)
- Blue (74%)



- Red (25%)
- Yellow (49%)
- Blue (74%)



- Cyan (66%)
- Magenta (7%)
- Yellow (0%)
- Black (26%)



- Cyan (75%)
- Magenta (31%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Hex color 41B0BD 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 41B0BD by changing the saturation by 10% instead.

 41B0BD

 41B0BD

FFFFFF

 1795A2

 7FE8F5

 007B88

 9DFFFF

 00626E

 BAFFFF

 004A56

 D8FFFF

 00323F

 F6FFFF

 001F29

 000114

 000000

 41B0BD

 41B0BD

■ 2EAEBD

■ 54B2BD

■ 1BACBD

■ 67B4BD

■ 08AABD

■ 7AB6BD

■ 00A9BD

■ 8DB8BD

■ 9FBABD

■ B2BCBD

■ C5BEBD

■ D8C0BD

■ EBC2BD

Harmonies

Analogous

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



55B1A1



41B0BD



53ACD2

Triad

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



41B0BD



C691BE



B4A069

Complementary

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



41B0BD



BD4E41

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.



CB9671



41B0BD



D78CA2

Square

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



41B0BD



A69AD2



D88F86



97A870

Rectangle

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



41B0BD



6EA7D8



D88F86



BD9D6A

Sweetspot

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



41B0BD



C4F0F5



41BD4D



5D777A



FAFAFA



7A7A7A

Same Dimension

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



41B0BD



33E1F5



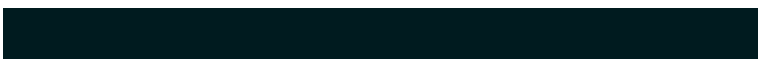
4173BD



555D5E



008E9E



001B1F

Inverse Universe

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



BD41B0



F533E1



BD8B41



5E555D



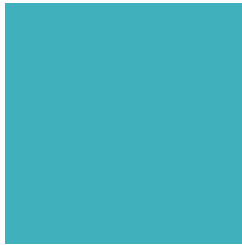
9E008E



1F001B

Previews

White Background



This preview shows how the Hex color 41B0BD 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 41B0BD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

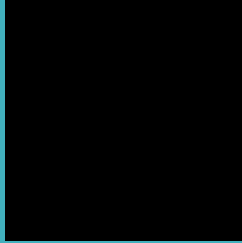
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

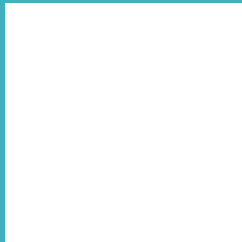
Any Text WCAG AAA ✓ Pass

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

Hex 41B0BD Background



This preview shows how black text looks on a background with the Hex color 41B0BD.

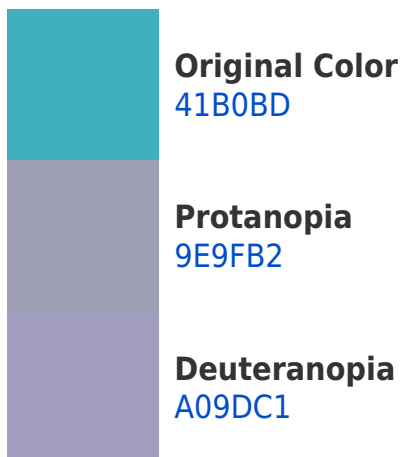


This preview shows how white text looks on a background with the Hex color 41B0BD.

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](#).

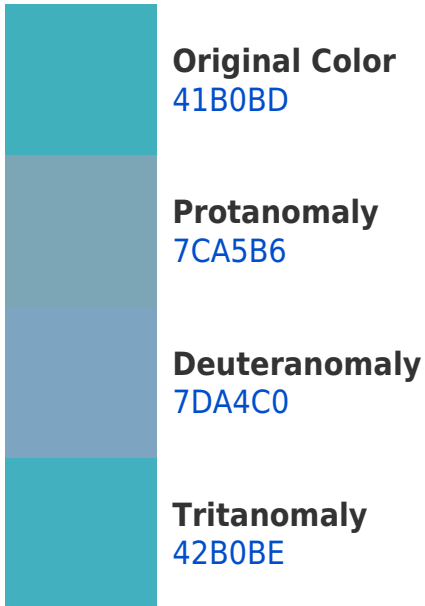
Dichromacy



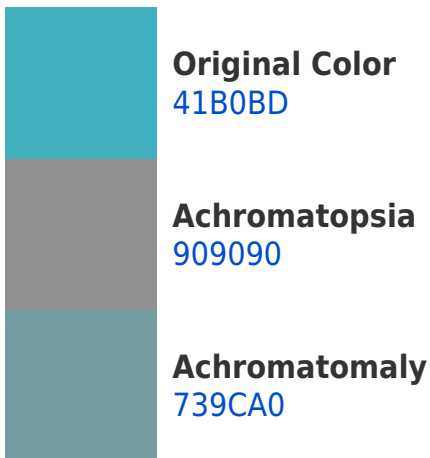


Tritanopia
42B0BE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 41B0BD 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 #41B0BD looks like.

```
.text, #text, p{  
    color:#41B0BD  
}
```

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 #41B0BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41B0BD
}
```

Border

The CSS property to change the border of an element to Hex 41B0BD 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
#41B0BD }
```

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

```
.border{ border-color:#41B0BD }
```

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

Here you see how a box with a 4 pixel #41B0BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41B0BD; -webkit-box-shadow:4px 4px  
4px 4px #41B0BD; box-shadow:4px 4px 4px  
4px #41B0BD }
```

Background

The CSS property to change the background color of an element to Hex 41B0BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41B0BD }
```

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

```
.background{ background-color:#41B0BD }
```

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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