

Converting Colors

Hex(41B4B5)

Have a look what the booklet for
Hex(41B4B5) contains.

Hex(41B4B5)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(41B4B5)

Conversions

Conversions Part 1

Format	Color
Hex	41B4B5
RGB	65, 180, 181
RGB Percent	25%, 71%, 71%
CMY	0.7451, 0.2941, 0.2902
CMYK	0.64, 0.01, 0.00, 0.29
HSL	181°, 47%, 48%
HSV	181°, 64%, 71%
XYZ	26.8417, 37.1025, 49.4629
YIQ	145.7290, -68.8610, -24.0690

Conversions

Conversions Part 2

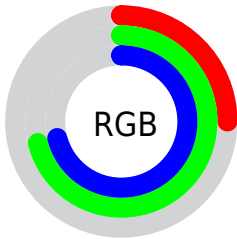
Format	Color
RYB	65, 123, 181
Decimal	4306101
CIELab	67.35, -31.24, -10.03
CIElCh	67, 32.815, 197.802
Yxy	37.1025, 0.2367, 0.3272
Android (android.graphics.Color)	4282496181 (0xFF41B4B5)
YUV	145.7290, 17.3886, -70.7993
Hunter-Lab	60.9118, -27.9370, -5.5076

Details

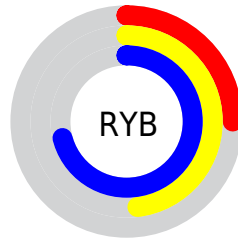
The Hex color **41B4B5** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **B54241**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **7FECED**, and **007F80** is the 20% darker color. If you saturate the color by 10%, you get **2FB4B5**, and if you desaturate by 10%, it is **53B4B5**.

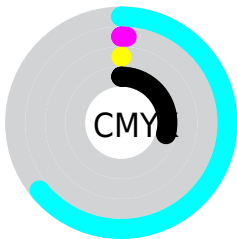
Distribution



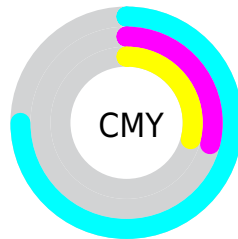
- Red (25%)
- Green (71%)
- Blue (71%)



- Red (25%)
- Yellow (48%)
- Blue (71%)



- Cyan (64%)
- Magenta (1%)
- Yellow (0%)
- Black (29%)



- Cyan (75%)
- Magenta (29%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 41B4B5 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 41B4B5 by changing the saturation by 10% instead.



41B4B5



41B4B5

FFFFFF



17999A



7FECED



007F80



9CFFFF



006567



BAF0FF



004D4F



D8FFFF



003538



F6FFFF



002223



00010D



000000



41B4B5



41B4B5

■ 2FB4B5

■ 53B4B5

■ 1DB4B5

■ 65B4B5

■ 0BB4B5

■ 77B4B5

■ 00B3B5

■ 89B5B5

■ 9CB5B5

■ AEB5B5

■ C0B5B5

■ D2B5B5

■ E4B5B5

Harmonies

Analogous

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



61B397



41B4B5



41B1CF

Triad

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



41B4B5



BD96CC



C39E6A

Complementary

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



41B4B5



B54241

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.



D79479



41B4B5



D68FB1

Square

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



41B4B5



97A1DC



DF8E93



A6A86B

Rectangle

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



41B4B5



59ADDA



DF8E93



CB9B6E

Sweetspot

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



41B4B5



BEEAEB



41B541



5A7575



F5F5F5



757575

Same Dimension

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



41B4B5



36E9EB



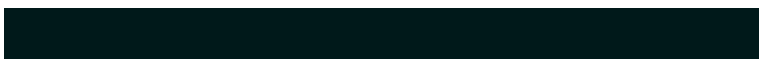
417BB5



505959



009899



00191A

Inverse Universe

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



B541B4



EB36E9



B57B41



595059



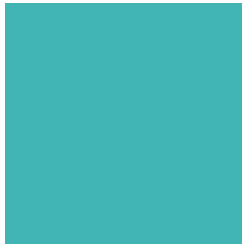
990098



1A0019

Previews

White Background



This preview shows how the Hex color 41B4B5 looks on a white background.

Color Contrast Check

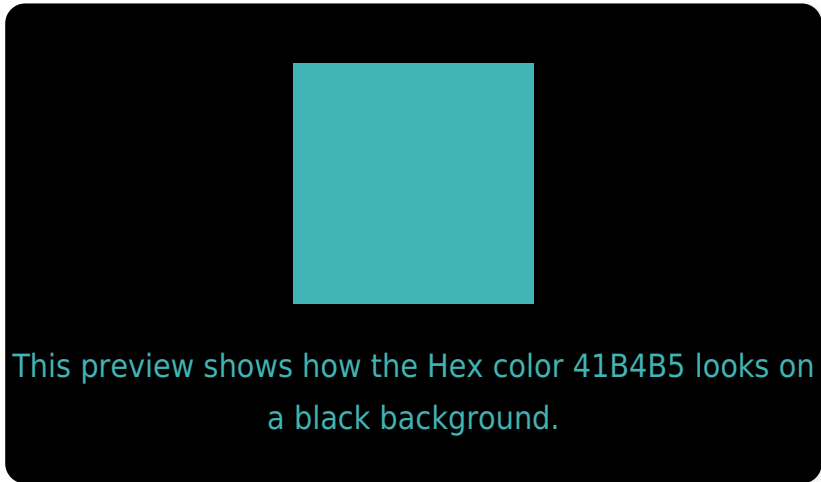
Large Text (above 18pt) WCAG AA × Fail

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

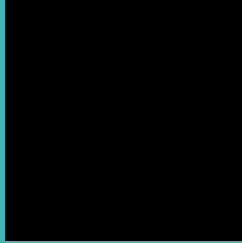
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

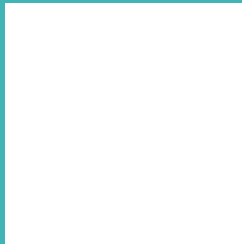
Any Text WCAG AAA ✓ Pass

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

Hex 41B4B5 Background



This preview shows how black text looks on a background with the Hex color 41B4B5.

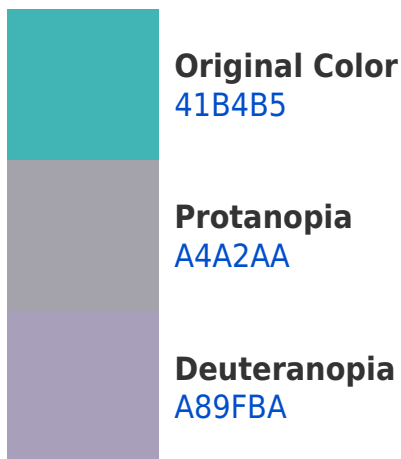


This preview shows how white text looks on a background with the Hex color 41B4B5.

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](#).

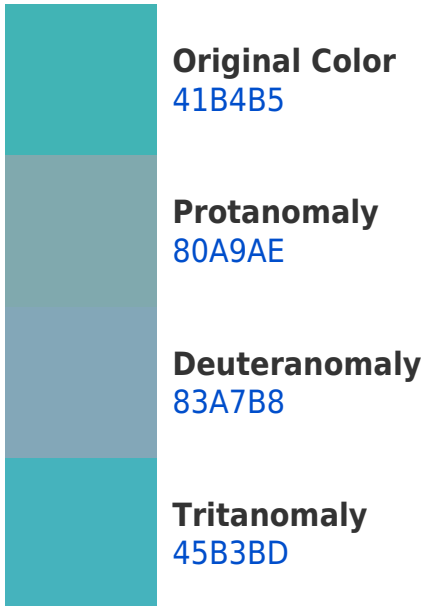
Dichromacy





Tritanopia
47B2C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 41B4B5 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 #41B4B5 looks like.

```
.text, #text, p{  
    color:#41B4B5  
}
```

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 #41B4B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41B4B5  
}
```

Border

The CSS property to change the border of an element to Hex 41B4B5 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  
#41B4B5 }
```

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

```
.border{ border-color:#41B4B5 }
```

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

Here you see how a box with a 4 pixel #41B4B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41B4B5; -webkit-box-shadow:4px 4px  
4px 4px #41B4B5; box-shadow:4px 4px 4px  
4px #41B4B5 }
```

Background

The CSS property to change the background color of an element to Hex 41B4B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41B4B5 }
```

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

```
.background{ background-color:#41B4B5 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor