

Converting Colors

Hex(42B0A1)

Have a look what the booklet for
Hex(42B0A1) contains.

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Color

Hex(42B0A1)

Conversions

Conversions Part 1

Format	Color
Hex	42B0A1
RGB	66, 176, 161
RGB Percent	26%, 69%, 63%
CMY	0.7412, 0.3098, 0.3686
CMYK	0.62, 0.00, 0.09, 0.31
HSL	172°, 45%, 47%
HSV	172°, 62%, 69%
XYZ	24.2051, 34.7821, 39.1561
YIQ	141.4000, -60.7450, -27.9850

Conversions

Conversions Part 2

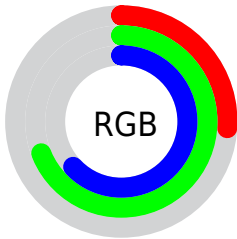
Format	Color
RYB	66, 125, 176
Decimal	4370593
CIELab	65.58, -34.70, -1.57
CIElCh	66, 34.741, 182.594
Yxy	34.7821, 0.2466, 0.3544
Android (android.graphics.Color)	4282560673 (0xFF42B0A1)
YUV	141.4000, 9.6628, -66.1258
Hunter-Lab	58.9764, -29.9486, 1.9191

Details

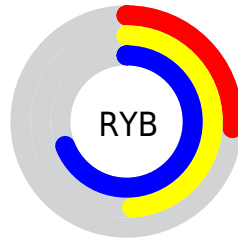
The Hex color **42B0A1** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **B04251**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **7EE8D8**, and **007B6E** is the 20% darker color. If you saturate the color by 10%, you get **30B09F**, and if you desaturate by 10%, it is **54B0A3**.

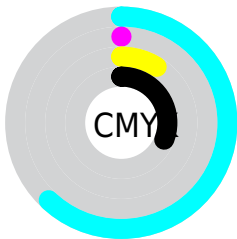
Distribution



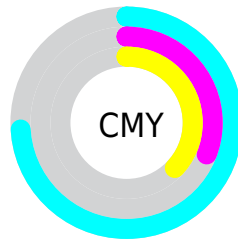
- Red (26%)
- Green (69%)
- Blue (63%)



- Red (26%)
- Yellow (49%)
- Blue (69%)



- Cyan (62%)
- Magenta (0%)
- Yellow (9%)
- Black (31%)



- Cyan (74%)
- Magenta (31%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 42B0A1 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 42B0A1 by changing the saturation by 10% instead.

 42B0A1

 42B0A1


FFFFFF

 1D9587

 7EE8D8

 007B6E

 9BFFF4

 006155

 B8FFFF

 00493E

 D5FFFF

 003128

 F3FFFF

 001C14

 000000

 42B0A1

 42B0A1

 30B09F

 54B0A3

■ 1FB09C

■ 65B0A6

■ 0DB09A

■ 77B0A8

■ 00B098

■ 88B0AB

■ 9AB0AD

■ ACB0AF

■ BDB0B2

■ CFB0B4

■ E0B0B7

Harmonies

Analogous

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



6BAD82



42B0A1



22AFC0

Triad

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



42B0A1



A796D4



CB9369

Complementary

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



42B0A1



B04251

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.



DA8A7F



42B0A1



C98CBC

Square

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



42B0A1



77A1DD



DA879E



B19E61

Rectangle

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



42B0A1



32ACD0



DA879E



D2906F

Sweetspot

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



42B0A1



BAE6E0



53B042



58736F



F2F2F2



737373

Same Dimension

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



42B0A1



39E6CE



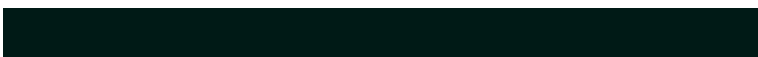
428AB0



505958



009984



001A16

Inverse Universe

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



B04251



E63951



B06942



595052



990015



1A0003

Previews

White Background



This preview shows how the Hex color 42B0A1 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 42B0A1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

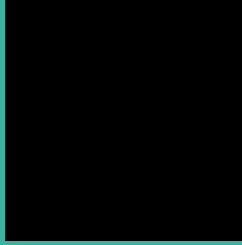
Any Text WCAG AA ✓ Pass

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 42B0A1 Background



This preview shows how black text looks on a background with the Hex color 42B0A1.

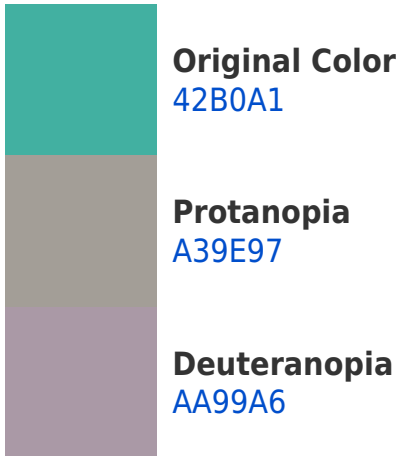


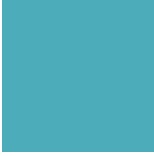
This preview shows how white text looks on a background with the Hex color 42B0A1.

Color Blindness Simulation

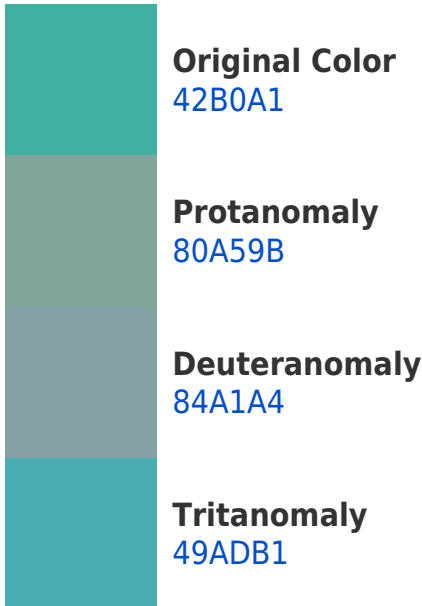
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

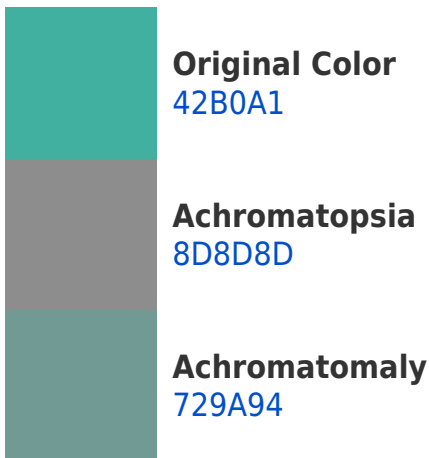




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 42B0A1 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 #42B0A1 looks like.

```
.text, #text, p{  
    color:#42B0A1  
}
```

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 #42B0A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42B0A1
}
```

Border

The CSS property to change the border of an element to Hex 42B0A1 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
#42B0A1 }
```

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

```
.border{ border-color:#42B0A1 }
```

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

Here you see how a box with a 4 pixel #42B0A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42B0A1; -webkit-box-shadow:4px 4px  
4px 4px #42B0A1; box-shadow:4px 4px 4px  
4px #42B0A1 }
```

Background

The CSS property to change the background color of an element to Hex 42B0A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42B0A1 }
```

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

```
.background{ background-color:#42B0A1 }
```

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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