

# Converting Colors

Hex(42C1AE)

Have a look what the booklet for  
Hex(42C1AE) contains.

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# Color

Hex(42C1AE)

# Conversions

## Conversions Part 1

Format	Color
Hex	42C1AE
RGB	66, 193, 174
RGB Percent	26%, 76%, 68%
CMY	0.7412, 0.2431, 0.3176
CMYK	0.66, 0.00, 0.10, 0.24
HSL	171°, 51%, 51%
HSV	171°, 66%, 76%
XYZ	28.9567, 42.3542, 46.6934
YIQ	152.8610, -69.5930, -32.8330

# Conversions

## Conversions Part 2

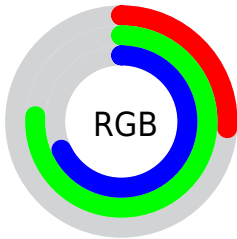
Format	Color
R <sub>YB</sub>	66, 135, 193
Decimal	4374958
CIE Lab	71.11, -39.05, -0.62
CIE LCh	71, 39.059, 180.915
Yxy	42.3542, 0.2454, 0.3589
Android (android.graphics.Color)	4282565038 (0xFF42C1AE)
YUV	152.8610, 10.4215, -76.1771
Hunter-Lab	65.0801, -34.4684, 3.0169

# Details

The Hex color **42C1AE** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted spring green. A complement of this color would be **C14255**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **81FAE5**, and **008B7A** is the 20% darker color. If you saturate the color by 10%, you get **2FC1AB**, and if you desaturate by 10%, it is **55C1B1**.

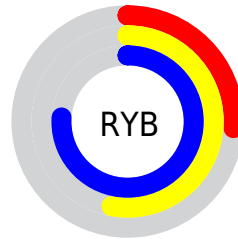
# Distribution



Red (26%)

Green (76%)

Blue (68%)



Red (26%)

Yellow (53%)

Blue (76%)

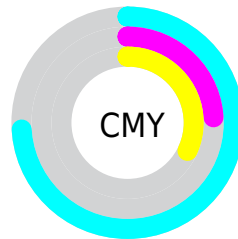


Cyan (66%)

Magenta (0%)

Yellow (10%)

Black (24%)



Cyan (74%)

Magenta (24%)

Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 42C1AE 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 42C1AE by changing the saturation by 10% instead.



 42C1AE

 42C1AE

FFFFFF

 17A593

 81FAE5

 008B7A

 9EFFFF

 007161

 BCFFFF

 005749

 DAFFFF

 003F33

 F8FFFF

 00291E

 000805

 000000

 42C1AE

 42C1AE

 2FC1AB

 55C1B1

 1BC1A8

 69C1B4

 08C1A5

 7CC1B7

 00C1A4

 8FC1BA

 A2C1BC

 B6C1BF

 C9C1C2

 DCC1C5

 F0C1C8

# Harmonies

## Analogous

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



74BE8A



42C1AE



00C0D1

# Triad

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



42C1AE



B3A4EB



E1A071

# Complementary

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



42C1AE



C14255

# 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.



F2968B



42C1AE



DC98D1

# Square

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



42C1AE



7CB1F5



F192AE



C4AC66

# Rectangle

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



42C1AE



20BDE4



F192AE



E89C78



# Sweetspot

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



42C1AE



C8FAF2



55C142



5F7D78



FCFCFC



7D7D7D



# Same Dimension

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



42C1AE



34FADC



4295C1



57615F



00A189



00211C



# Inverse Universe

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



C14255



FA3452



C16E42



615759



A10018

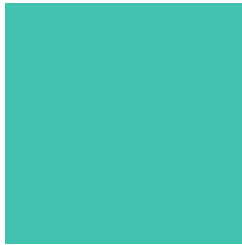


210005



# Previews

## White Background



This preview shows how the Hex color 42C1AE looks on a white background.

## Color Contrast Check

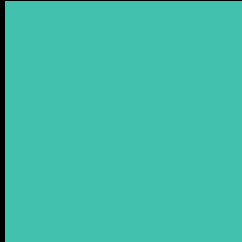
Large Text (above 18pt) WCAG AA × Fail

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 42C1AE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

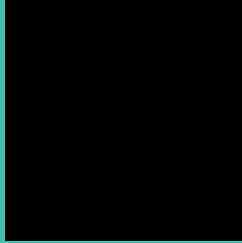
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

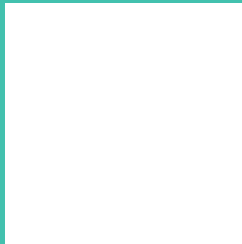
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 42C1AE Background



This preview shows how black text looks on a background with the Hex color 42C1AE.



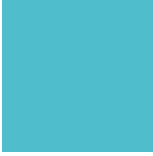
This preview shows how white text looks on a background with the Hex color 42C1AE.

# Color Blindness Simulation

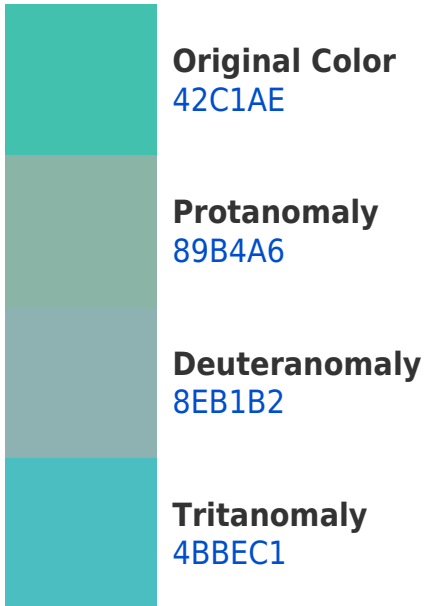
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 42C1AE 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 #42C1AE looks like.

```
.text, #text, p{  
    color:#42C1AE  
}
```

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 #42C1AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42C1AE
}
```

## Border

The CSS property to change the border of an element to Hex 42C1AE 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
#42C1AE }
```

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

```
.border{ border-color:#42C1AE }
```

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

Here you see how a box with a 4 pixel #42C1AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42C1AE; -webkit-box-shadow:4px 4px  
4px 4px #42C1AE; box-shadow:4px 4px 4px  
4px #42C1AE }
```

# Background

The CSS property to change the background color of an element to Hex 42C1AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42C1AE }
```

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

```
.background{ background-color:#42C1AE }
```

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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