

# Converting Colors

Hex(44C1AC)

Have a look what the booklet for  
Hex(44C1AC) contains.

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**Color**

**Hex(44C1AC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	44C1AC
RGB	68, 193, 172
RGB Percent	27%, 76%, 67%
CMY	0.7333, 0.2431, 0.3255
CMYK	0.65, 0.00, 0.11, 0.24
HSL	170°, 50%, 51%
HSV	170°, 65%, 76%
XYZ	28.9003, 42.3474, 45.6804
YIQ	153.2310, -67.7590, -33.0310

# Conversions

## Conversions Part 2

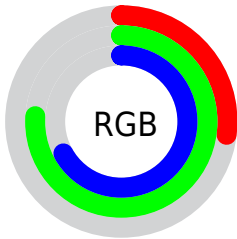
<b>Format</b>	<b>Color</b>
<b>RYB</b>	68, 136, 193
Decimal	4506028
CIELab	71.11, -39.25, 0.47
CIELCh	71, 39.255, 179.318
Yxy	42.3474, 0.2472, 0.3622
Android (android.graphics.Color)	4282696108 (0xFF44C1AC)
YUV	153.2310, 9.2531, -74.7476
Hunter-Lab	65.0749, -34.6079, 3.9328

# Details

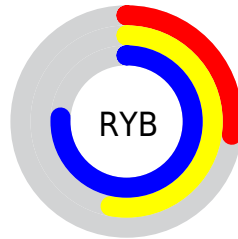
The Hex color **44C1AC** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted spring green. A complement of this color would be **C14459**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **82FAE3**, and **008B78** is the 20% darker color. If you saturate the color by 10%, you get **31C1A9**, and if you desaturate by 10%, it is **57C1AF**.

# Distribution



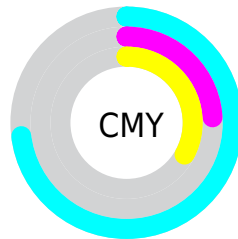
- Red (27%)
- Green (76%)
- Blue (67%)



- Red (27%)
- Yellow (53%)
- Blue (76%)



- Cyan (65%)
- Magenta (0%)
- Yellow (11%)
- Black (24%)



- Cyan (73%)
- Magenta (24%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 44C1AC 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 44C1AC by changing the saturation by 10% instead.



 44C1AC

 44C1AC

FFFFFF

 1BA591

 82FAE3

 008B78

 A0FFFF

 00715F

 BDFFFF

 005748

 DBFFFF

 003F31

 F9FFFF

 00291C

 000803

 000000

 44C1AC

 44C1AC

■ 31C1A9

■ 57C1AF

■ 1DC1A6

■ 6BC1B2

■ 0AC1A2

■ 7EC1B6

■ 00C1A1

■ 91C1B9

■ A4C1BC

■ B8C1BF

■ CBC1C3

■ DEC1C6

■ F2C1C9

# Harmonies

## Analogous

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



76BE88



44C1AC



00C0D0

# Triad

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



44C1AC



B1A5EC



E39F72

# Complementary

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



44C1AC



C14459

# 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.



F2958D



44C1AC



DA99D3

# Square

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



44C1AC



78B2F5



F092B0



C6AC66

# Rectangle

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



44C1AC



18BDE3



F092B0



EA9B79

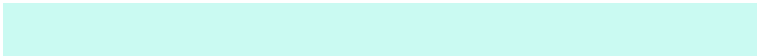


# Sweetspot

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



44C1AC



CAFAF2



5BC144



607D78



FCFCFC



7D7D7D



# Same Dimension

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



44C1AC



37FAD9



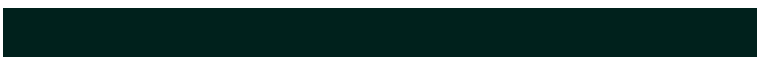
4499C1



57615F



00A186



00211C



# Inverse Universe

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



C14459



FA3758



C16C44



615759



A1001B

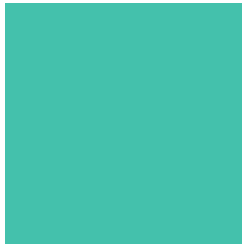


210006



# Previews

## White Background



This preview shows how the Hex color 44C1AC 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 44C1AC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

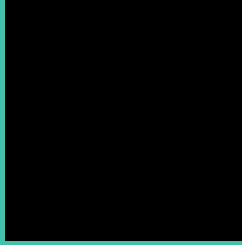
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

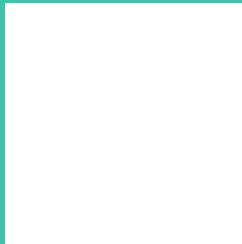
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 44C1AC Background



This preview shows how black text looks on a background with the Hex color 44C1AC.

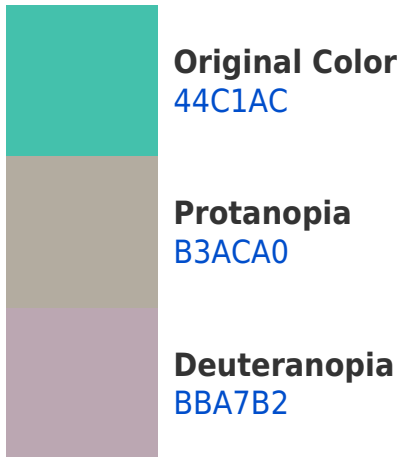


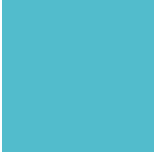
This preview shows how white text looks on a background with the Hex color 44C1AC.

# 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

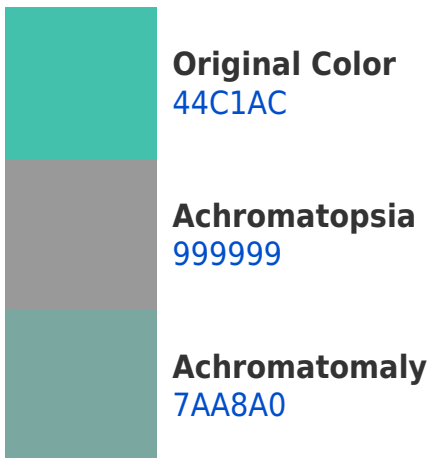




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 44C1AC 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 #44C1AC looks like.

```
.text, #text, p{  
    color:#44C1AC  
}
```

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 #44C1AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44C1AC
}
```

## Border

The CSS property to change the border of an element to Hex 44C1AC 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
#44C1AC }
```

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

```
.border{ border-color:#44C1AC }
```

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

Here you see how a box with a 4 pixel #44C1AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44C1AC; -webkit-box-shadow:4px 4px  
4px 4px #44C1AC; box-shadow:4px 4px 4px  
4px #44C1AC }
```

# Background

The CSS property to change the background color of an element to Hex 44C1AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44C1AC }
```

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

```
.background{ background-color:#44C1AC }
```

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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