

# Converting Colors

Hex(43C8C4)

Have a look what the booklet for  
Hex(43C8C4) contains.

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# Color

Hex(43C8C4)

# Conversions

## Conversions Part 1

Format	Color
Hex	43C8C4
RGB	67, 200, 196
RGB Percent	26%, 78%, 77%
CMY	0.7373, 0.2157, 0.2314
CMYK	0.67, 0.00, 0.02, 0.22
HSL	178°, 55%, 52%
HSV	178°, 66%, 78%
XYZ	32.9328, 46.4874, 59.4618
YIQ	159.7770, -77.9840, -29.4400

# Conversions

## Conversions Part 2

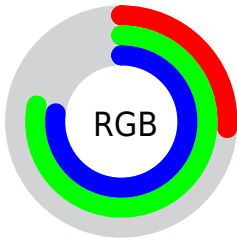
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	67, 135, 200
Decimal	4442308
CIE Lab	73.86, -36.15, -8.54
CIE LCh	74, 37.144, 193.299
Yxy	46.4874, 0.2371, 0.3347
Android (android.graphics.Color)	4282632388 (0xFF43C8C4)
YUV	159.7770, 17.8579, -81.3654
Hunter-Lab	68.1816, -33.0995, -3.9801

# Details

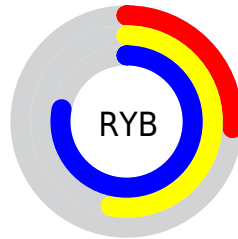
The Hex color **43C8C4** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **C84347**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **84FFFD**, and **00918E** is the 20% darker color. If you saturate the color by 10%, you get **2FC8C3**, and if you desaturate by 10%, it is **57C8C5**.

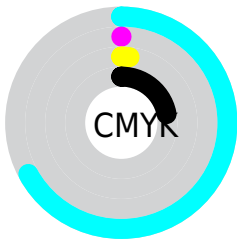
# Distribution



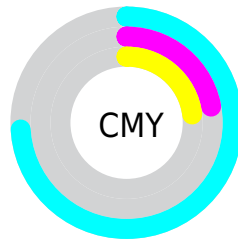
- Red (26%)
- Green (78%)
- Blue (77%)



- Red (26%)
- Yellow (53%)
- Blue (78%)



- Cyan (67%)
- Magenta (0%)
- Yellow (2%)
- Black (22%)



- Cyan (74%)
- Magenta (22%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 43C8C4 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 43C8C4 by changing the saturation by 10% instead.



 43C8C4

 43C8C4

FFFFFF

 13ACA9

 84FFFD

 00918E

 A2FFFF

 007775

 C0FFFF

 005E5C

 DEFFFF

 004545

 F0FFFF

 002E2F

 00171A

 000000

 43C8C4

 43C8C4

■ 2FC8C3

■ 57C8C5

■ 1BC8C3

■ 6BC8C5

■ 07C8C2

■ 7FC8C6

■ 00C8C2

■ 93C8C6

■ A7C8C7

■ BBC8C8

■ CFC8C8

■ E3C8C9

■ F7C8C9

# Harmonies

## Analogous

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



6DC7A1



43C8C4



38C5E3

# Triad

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



43C8C4



CDA7E7



DDAD75

# Complementary

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



43C8C4



C84347

# 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.



F2A288



43C8C4



EC9ECA

# Square

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



43C8C4



9EB4F8



F99CA7



BDB872

# Rectangle

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



43C8C4



54C1F2



F99CA7



E6A979



# Sweetspot

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



43C8C4



CCFFFD



47C843



61807F



000000



808080



# Same Dimension

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



43C8C4



33FFF9



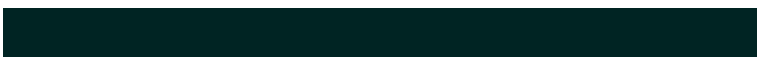
438AC8



5A6363



00A39E



002423



# Inverse Universe

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



C84347



FF3339



C88143



635A5A



A30005

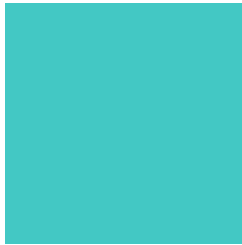


240001



# Previews

## White Background



This preview shows how the Hex color 43C8C4 looks on a white background.

## Color Contrast Check

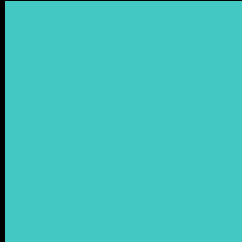
Large Text (above 18pt) WCAG AA × Fail

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 43C8C4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

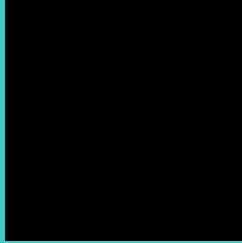
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

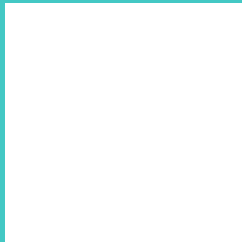
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 43C8C4 Background



This preview shows how black text looks on a background with the Hex color 43C8C4.



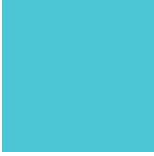
This preview shows how white text looks on a background with the Hex color 43C8C4.

# 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



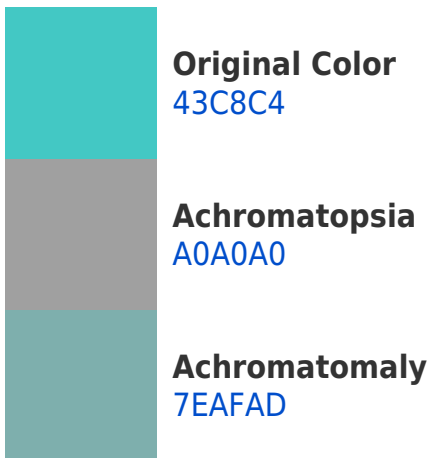


**Tritanopia**  
4CC5D5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 43C8C4 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 #43C8C4 looks like.

```
.text, #text, p{  
    color:#43C8C4  
}
```

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 #43C8C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #43C8C4
}
```

## Border

The CSS property to change the border of an element to Hex 43C8C4 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
#43C8C4 }
```

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

```
.border{ border-color:#43C8C4 }
```

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

Here you see how a box with a 4 pixel #43C8C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #43C8C4; -webkit-box-shadow:4px 4px  
4px 4px #43C8C4; box-shadow:4px 4px 4px  
4px #43C8C4 }
```

# Background

The CSS property to change the background color of an element to Hex 43C8C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#43C8C4 }
```

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

```
.background{ background-color:#43C8C4 }
```

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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