

# Converting Colors

Hex(4CC8C2)

Have a look what the booklet for  
Hex(4CC8C2) contains.

<b>Hex(4CC8C2)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(4CC8C2)

# Conversions

## Conversions Part 1

Format	Color
Hex	4CC8C2
RGB	76, 200, 194
RGB Percent	30%, 78%, 76%
CMY	0.7020, 0.2157, 0.2392
CMYK	0.62, 0.00, 0.03, 0.22
HSL	177°, 53%, 54%
HSV	177°, 62%, 78%
XYZ	33.3724, 46.7401, 58.3018
YIQ	162.2400, -71.9780, -28.1540

# Conversions

## Conversions Part 2

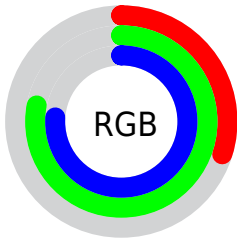
Format	Color
<a href="#">RYB</a>	<a href="#">76, 140, 200</a>
Decimal	<a href="#">5032130</a>
CIELab	<a href="#">74.02, -35.29, -7.19</a>
CIElCh	<a href="#">74, 36.018, 191.522</a>
Yxy	<a href="#">46.7401, 0.2411, 0.3377</a>
Android (android.graphics.Color)	<a href="#">4283222210 (0xFF4CC8C2)</a>
YUV	<a href="#">162.2400, 15.6577, -75.6325</a>
Hunter-Lab	<a href="#">68.3667, -32.5092, -2.7046</a>

# Details

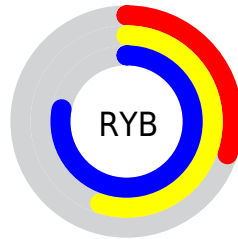
The Hex color **4CC8C2** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **C84C52**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **8AFFFA**, and **00918D** is the 20% darker color. If you saturate the color by 10%, you get **38C8C1**, and if you desaturate by 10%, it is **60C8C3**.

# Distribution



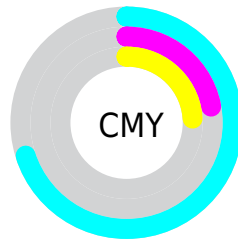
- Red (30%)
- Green (78%)
- Blue (76%)



- Red (30%)
- Yellow (55%)
- Blue (78%)



- Cyan (62%)
- Magenta (0%)
- Yellow (3%)
- Black (22%)



- Cyan (70%)
- Magenta (22%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4CC8C2 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 4CC8C2 by changing the saturation by 10% instead.



 4CC8C2

 4CC8C2

FFFFFF

 26ACA7

 8AFFFA

 00918D

 A8FFFF

 007773

 C6FFFF

 005E5B

 E4FFFF

 004643

 002E2D

 001719

 000000

 4CC8C2

 4CC8C2

■ 38C8C1

■ 60C8C3

■ 24C8C0

■ 74C8C4

■ 10C8BF

■ 88C8C5

■ 00C8BE

■ 9CC8C6

■ B0C8C7

■ C4C8C8

■ D8C8C9

■ ECC8CA

■ FFC8CB

# Harmonies

## Analogous

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



73C6A0



4CC8C2



40C6E1

# Triad

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



4CC8C2



CAA9E8



DEAD78

# Complementary

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



4CC8C2



C84C52

# 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.



F2A28C



4CC8C2



EA9FCC

# Square

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



4CC8C2



9CB5F6



F79DAA



C0B874

# Rectangle

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



4CC8C2



57C2EF



F79DAA



E6A97D



# Sweetspot

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



4CC8C2



CFFFFD



52C84C



62807E



000000



808080



# Same Dimension

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



4CC8C2



42FFF6



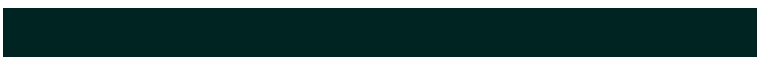
4C90C8



5A6363



00A39B



002422



# Inverse Universe

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



C84C52



FF424B



C8844C



635A5A



A30008



240002



# Previews

## White Background



This preview shows how the Hex color 4CC8C2 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 4CC8C2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

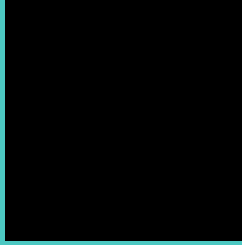
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

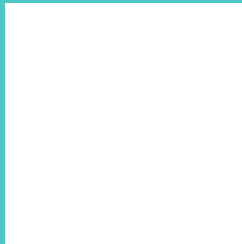
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4CC8C2 Background



This preview shows how black text looks on a background with the Hex color 4CC8C2.



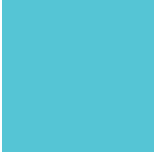
This preview shows how white text looks on a background with the Hex color 4CC8C2.

# 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](#).

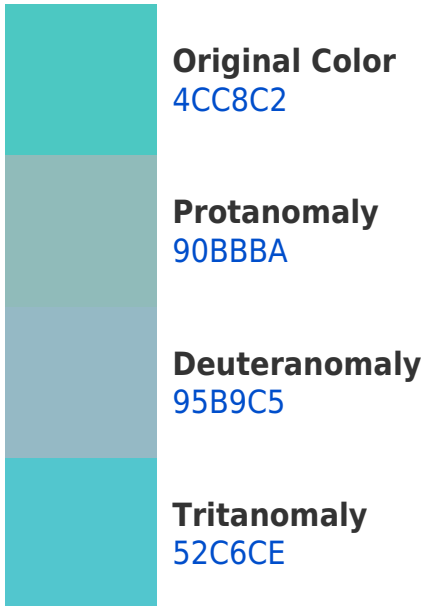
## Dichromacy





**Tritanopia**  
55C5D5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4CC8C2 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 #4CC8C2 looks like.

```
.text, #text, p{  
    color:#4CC8C2  
}
```

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 #4CC8C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CC8C2
}
```

## Border

The CSS property to change the border of an element to Hex 4CC8C2 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
#4CC8C2 }
```

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

```
.border{ border-color:#4CC8C2 }
```

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

Here you see how a box with a 4 pixel #4CC8C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CC8C2; -webkit-box-shadow:4px 4px  
4px 4px #4CC8C2; box-shadow:4px 4px 4px  
4px #4CC8C2 }
```

# Background

The CSS property to change the background color of an element to Hex 4CC8C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CC8C2 }
```

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

```
.background{ background-color:#4CC8C2 }
```

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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