

Converting Colors

Hex(28C8CA)

Have a look what the booklet for
Hex(28C8CA) contains.

Hex(28C8CA)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(28C8CA)

Conversions

Conversions Part 1

Format	Color
Hex	28C8CA
RGB	40, 200, 202
RGB Percent	16%, 78%, 79%
CMY	0.8431, 0.2157, 0.2078
CMYK	0.80, 0.01, 0.00, 0.21
HSL	181°, 67%, 47%
HSV	181°, 80%, 79%
XYZ	32.1900, 46.0239, 63.0640
YIQ	152.3880, -96.0020, -33.2980

Conversions

Conversions Part 2

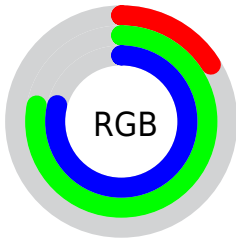
Format	Color
RYB	40, 120, 202
Decimal	2672842
CIELab	73.56, -37.52, -12.30
CIELCh	74, 39.481, 198.149
Yxy	46.0239, 0.2278, 0.3258
Android (android.graphics.Color)	4280862922 (0xFF28C8CA)
YUV	152.3880, 24.4587, -98.5643
Hunter-Lab	67.8409, -34.0247, -7.6265




Details

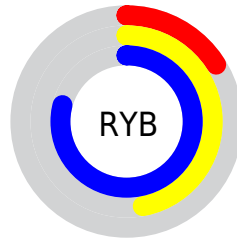
The Hex color **28C8CA** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted cyan. A complement of this color would be **CA2A28**, and the grayscale version is **989898**.




A 20% lighter version of the original color is **75FFFF**, and **009194** is the 20% darker color. If you saturate the color by 10%, you get **14C8CA**, and if you desaturate by 10%, it is **3CC8CA**.

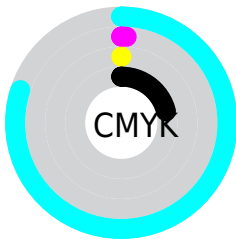
Distribution







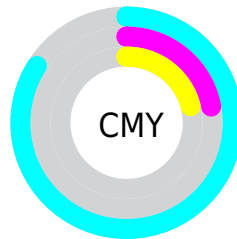
-  Red (16%)
-  Green (78%)
-  Blue (79%)






-  Red (16%)
-  Yellow (47%)
-  Blue (79%)



-  Cyan (80%)
-  Magenta (1%)
-  Yellow (0%)
-  Black (21%)



-  Cyan (84%)
-  Magenta (22%)
-  Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28C8CA 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 28C8CA by changing the saturation by 10% instead.

 28C8CA

 28C8CA

FFFFFF

 00ACAF

 75FFFF

 009194

 94FFFF

 00777A

 B3FFFF

 005E61

 D2FFFF

 00454A

 F1FFFF

 002E33

 00161E

 000003

 000000

■ 28C8CA

■ 28C8CA

■ 14C8CA

■ 3CC8CA

■ 00C8CA

■ 50C8CA

■ 65C9CA

■ 79C9CA

■ 8DC9CA

■ A1C9CA

■ B5CACA

■ CACACA

■ DECACA

Harmonies

Analogous

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



5EC7A5



28C8CA



24C5EA

Triad

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



28C8CA



D4A3E5



D9AE6E

Complementary

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



28C8CA



CA2A28

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.



F2A180



28C8CA



F29AC5

Square

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



28C8CA



A4B1F9



FC99A0



B6B96F

Rectangle

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



28C8CA



50C0F7



FC99A0



E3A972

Sweetspot

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



28C8CA



C2FEFF



28CA28



5B7F80



000000



808080

Same Dimension

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



28C8CA



0AFCFF



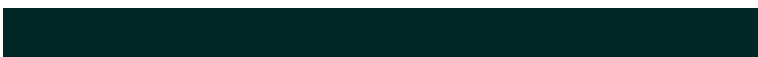
2879CA



5C6666



00A4A6



002626

Inverse Universe

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



CA28C8



FF0AFC



CA7928



665C66



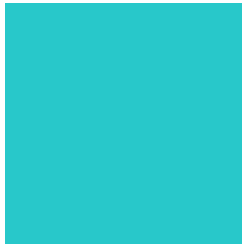
A600A4



260026

Previews

White Background



This preview shows how the Hex color 28C8CA looks on a white background.

Color Contrast Check

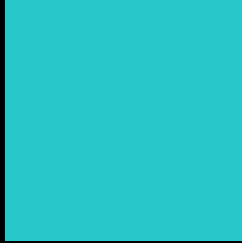
Large Text (above 18pt) WCAG AA × Fail

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 28C8CA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

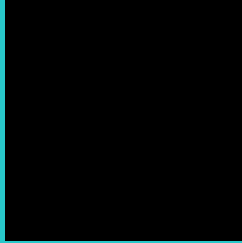
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

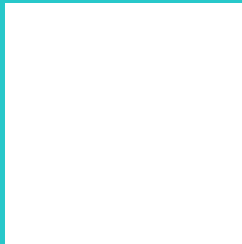
Any Text WCAG AAA ✓ Pass

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

Hex 28C8CA Background



This preview shows how black text looks on a background with the Hex color 28C8CA.

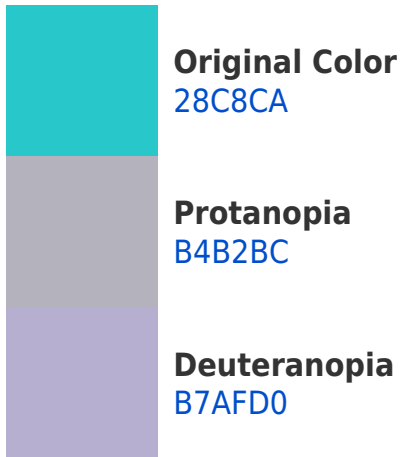


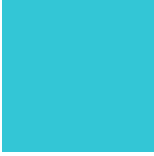
This preview shows how white text looks on a background with the Hex color 28C8CA.

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
33C6D6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 28C8CA 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 #28C8CA looks like.

```
.text, #text, p{  
    color:#28C8CA  
}
```

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 #28C8CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28C8CA
}
```

Border

The CSS property to change the border of an element to Hex 28C8CA 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
#28C8CA }
```

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

```
.border{ border-color:#28C8CA }
```

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

Here you see how a box with a 4 pixel #28C8CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28C8CA; -webkit-box-shadow:4px 4px  
4px 4px #28C8CA; box-shadow:4px 4px 4px  
4px #28C8CA }
```

Background

The CSS property to change the background color of an element to Hex 28C8CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28C8CA }
```

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

```
.background{ background-color:#28C8CA }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor