

Converting Colors

Hex(28C4C0)

Have a look what the booklet for
Hex(28C4C0) contains.

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Color

Hex(28C4C0)

Conversions

Conversions Part 1

Format	Color
Hex	28C4C0
RGB	40, 196, 192
RGB Percent	16%, 77%, 75%
CMY	0.8431, 0.2314, 0.2471
CMYK	0.80, 0.00, 0.02, 0.23
HSL	178°, 66%, 46%
HSV	178°, 80%, 77%
XYZ	30.1294, 43.7367, 56.7232
YIQ	148.9000, -91.6920, -34.3160

Conversions

Conversions Part 2

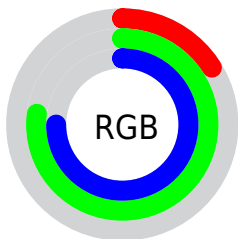
Format	Color
RYB	40, 119, 196
Decimal	2671808
CIELab	72.05, -38.61, -9.11
CIElCh	72, 39.675, 193.280
Yxy	43.7367, 0.2307, 0.3349
Android (android.graphics.Color)	4280861888 (0xFF28C4C0)
YUV	148.9000, 21.2483, -95.5053
Hunter-Lab	66.1338, -34.4125, -4.5597

Details

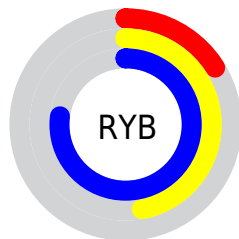
The Hex color **28C4C0** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted cyan. A complement of this color would be **C4282C**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **73FDF8**, and **008D8B** is the 20% darker color. If you saturate the color by 10%, you get **14C4BF**, and if you desaturate by 10%, it is **3CC4C1**.

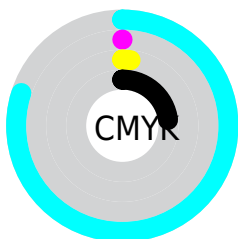
Distribution



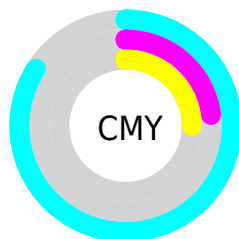
- Red (16%)
- Green (77%)
- Blue (75%)



- Red (16%)
- Yellow (47%)
- Blue (77%)



- Cyan (80%)
- Magenta (0%)
- Yellow (2%)
- Black (23%)



- Cyan (84%)
- Magenta (23%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28C4C0 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 28C4C0 by changing the saturation by 10% instead.

 28C4C0

 28C4C0

FFFFFF

 00A8A5

 73DF8

 008D8B

 92FFFF

 007371

 B1FFFF

 005A59

 D0FFFF

 004241

 EFFFFF

 002B2B

 000F18

 000000

 28C4C0

 28C4C0

■ 14C4BF

■ 3CC4C1

■ 01C4BF

■ 4FC4C1

■ 00C4BF

■ 63C4C2

■ 76C4C2

■ 8AC4C3

■ 9EC4C3

■ B1C4C4

■ C5C4C4

■ D8C4C5

Harmonies

Analogous

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



62C29B



28C4C0



03C1E1

Triad

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



28C4C0



C9A1E6



DAA76B

Complementary

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



28C4C0



C4282C

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.



F09B81



28C4C0



EA97C6

Square

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



28C4C0



96AFF7



F794A2



B8B469

Rectangle

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



28C4C0



3EBDF0



F794A2



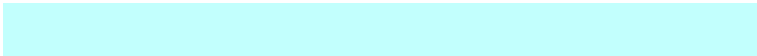
E3A371

Sweetspot

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



28C4C0



C2FFFD



2DC428



5B807F



000000



808080

Same Dimension

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



28C4C0



0AFF9



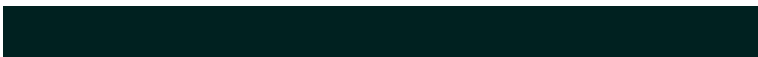
287BC4



576161



00A19D



002120

Inverse Universe

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



C4282C



FF0A10



C47128



615757



A10004



210001

Previews

White Background



This preview shows how the Hex color 28C4C0 looks on a white background.

Color Contrast Check

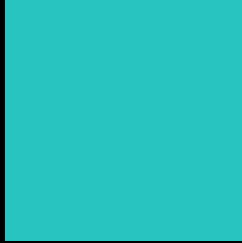
Large Text (above 18pt) WCAG AA × Fail

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 28C4C0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

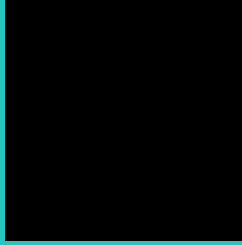
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

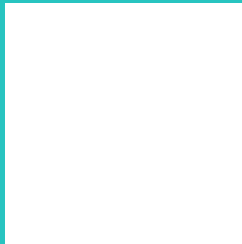
Any Text WCAG AAA ✓ Pass

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

Hex 28C4C0 Background



This preview shows how black text looks on a background with the Hex color 28C4C0.

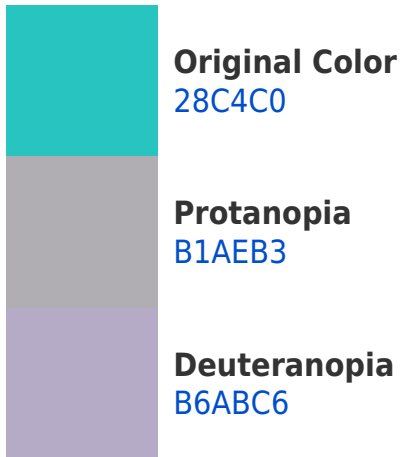


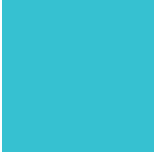
This preview shows how white text looks on a background with the Hex color 28C4C0.

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
36C1D1

Trichromacy



Original Color
28C4C0



Protanomaly
7FB6B8



Deuteranomaly
82B4C4



Tritanomaly
31C2CB

Monochromacy



Original Color
28C4C0



Achromatopsia
959595



Achromatomaly
6DA6A5

CSS Examples

Text

The CSS property to change the color of the text to Hex 28C4C0 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 #28C4C0 looks like.

```
.text, #text, p{  
    color:#28C4C0  
}
```

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 #28C4C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28C4C0
}
```

Border

The CSS property to change the border of an element to Hex 28C4C0 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
#28C4C0 }
```

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

```
.border{ border-color:#28C4C0 }
```

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

Here you see how a box with a 4 pixel #28C4C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28C4C0; -webkit-box-shadow:4px 4px  
4px 4px #28C4C0; box-shadow:4px 4px 4px  
4px #28C4C0 }
```

Background

The CSS property to change the background color of an element to Hex 28C4C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28C4C0 }
```

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

```
.background{ background-color:#28C4C0 }
```

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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