

Converting Colors

Hex(28C4BD)

Have a look what the booklet for
Hex(28C4BD) contains.

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Color

Hex(28C4BD)

Conversions

Conversions Part 1

Format	Color
Hex	28C4BD
RGB	40, 196, 189
RGB Percent	16%, 77%, 74%
CMY	0.8431, 0.2314, 0.2588
CMYK	0.80, 0.00, 0.04, 0.23
HSL	177°, 66%, 46%
HSV	177°, 80%, 77%
XYZ	29.8003, 43.6051, 54.9901
YIQ	148.5580, -90.7290, -35.2490

Conversions

Conversions Part 2

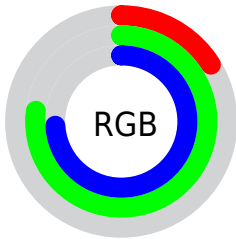
Format	Color
RYB	40, 120, 196
Decimal	2671805
CIELab	71.96, -39.48, -7.61
CIELCh	72, 40.205, 190.910
Yxy	43.6051, 0.2321, 0.3396
Android (android.graphics.Color)	4280861885 (0xFF28C4BD)
YUV	148.5580, 19.9379, -95.2054
Hunter-Lab	66.0342, -35.0052, -3.1500

Details

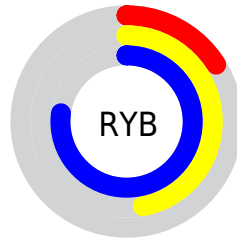
The Hex color **28C4BD** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted spring green. A complement of this color would be **C4282F**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **73FDF5**, and **008D88** is the 20% darker color. If you saturate the color by 10%, you get **14C4BC**, and if you desaturate by 10%, it is **3CC4BE**.

Distribution



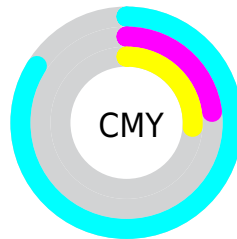
- Red (16%)
- Green (77%)
- Blue (74%)



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



- Cyan (80%)
- Magenta (0%)
- Yellow (4%)
- Black (23%)



- Cyan (84%)
- Magenta (23%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28C4BD 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 28C4BD by changing the saturation by 10% instead.

 28C4BD

 28C4BD

FFFFFF

 00A8A2

 73FDF5

 008D88

 92FFFF

 00736F

 B1FFFF

 005A56

 CFFFFFF

 00423F

 EFFFFFF

 002B29

 000E15

 000000

 28C4BD

 28C4BD

■ 14C4BC

■ 3CC4BE

■ 01C4BB

■ 4FC4BF

■ 00C4BB

■ 63C4C0

■ 76C4C1

■ 8AC4C1

■ 9EC4C2

■ B1C4C3

■ C5C4C4

■ D8C4C5

Harmonies

Analogous

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



64C297



28C4BD



00C2DF

Triad

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



28C4BD



C6A2E8



DCA66B

Complementary

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



28C4BD



C4282F

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.



F29A82



28C4BD



E997C9

Square

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



28C4BD



91AFF8



F894A4



BBB367

Rectangle

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



28C4BD



33BEF0



F894A4



E5A271

Sweetspot

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



28C4BD



C2FFFC



30C428



5B807E



000000



808080

Same Dimension

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



28C4BD



0AFF4



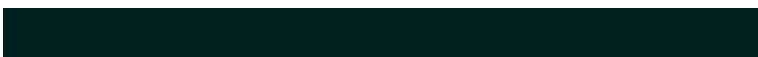
287EC4



576160



00A199



002120

Inverse Universe

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



C4282F



FF0A15



C46E28



615758



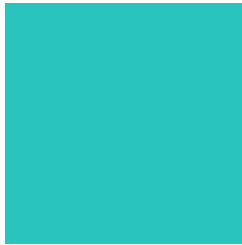
A10007



210001

Previews

White Background



This preview shows how the Hex color 28C4BD looks on a white background.

Color Contrast Check

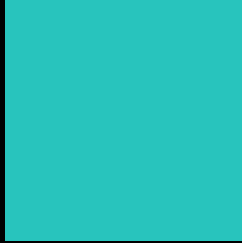
Large Text (above 18pt) WCAG AA × Fail

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 28C4BD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

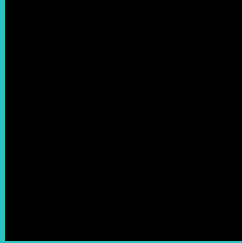
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

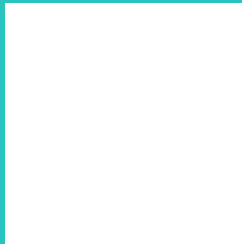
Any Text WCAG AAA ✓ Pass

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

Hex 28C4BD Background



This preview shows how black text looks on a background with the Hex color 28C4BD.

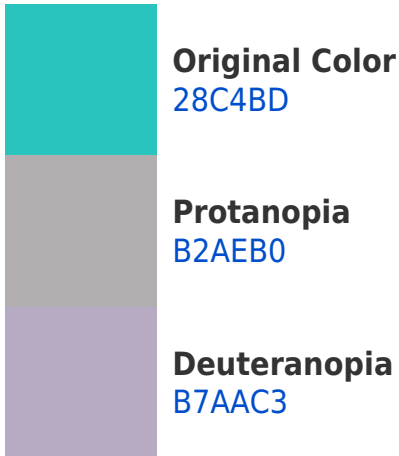


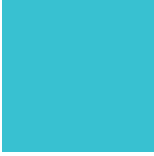
This preview shows how white text looks on a background with the Hex color 28C4BD.

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
38C1D1

Trichromacy



Original Color
28C4BD



Protanomaly
80B6B5



Deuteranomaly
83B3C1



Tritanomaly
32C2CA

Monochromacy



Original Color
28C4BD



Achromatopsia
959595



Achromatomaly
6DA6A4

CSS Examples

Text

The CSS property to change the color of the text to Hex 28C4BD 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 #28C4BD looks like.

```
.text, #text, p{  
    color:#28C4BD  
}
```

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 #28C4BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28C4BD
}
```

Border

The CSS property to change the border of an element to Hex 28C4BD 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
#28C4BD }
```

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

```
.border{ border-color:#28C4BD }
```

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

Here you see how a box with a 4 pixel #28C4BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28C4BD; -webkit-box-shadow:4px 4px  
4px 4px #28C4BD; box-shadow:4px 4px 4px  
4px #28C4BD }
```

Background

The CSS property to change the background color of an element to Hex 28C4BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28C4BD }
```

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

```
.background{ background-color:#28C4BD }
```

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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