

Converting Colors

Hex(28D4CC)

Have a look what the booklet for
Hex(28D4CC) contains.

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Color

Hex(28D4CC)

Conversions

Conversions Part 1

Format	Color
Hex	28D4CC
RGB	40, 212, 204
RGB Percent	16%, 83%, 80%
CMY	0.8431, 0.1686, 0.2000
CMYK	0.81, 0.00, 0.04, 0.17
HSL	177°, 68%, 49%
HSV	177°, 81%, 83%
XYZ	35.3176, 51.8977, 65.2826
YIQ	159.6600, -99.9440, -38.9520

Conversions

Conversions Part 2

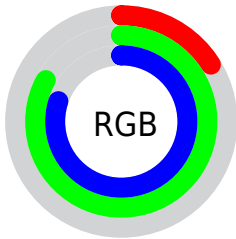
Format	Color
RYB	40, 128, 212
Decimal	2675916
CIELab	77.22, -42.35, -7.92
CIELCh	77, 43.080, 190.597
Yxy	51.8977, 0.2316, 0.3403
Android (android.graphics.Color)	4280865996 (0xFF28D4CC)
YUV	159.6600, 21.8596, -104.9418
Hunter-Lab	72.0401, -38.5605, -3.3004

Details

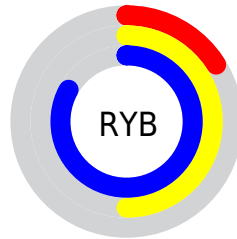
The Hex color **28D4CC** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **D42830**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **77FFFF**, and **009D96** is the 20% darker color. If you saturate the color by 10%, you get **13D4CB**, and if you desaturate by 10%, it is **3DD4CD**.

Distribution



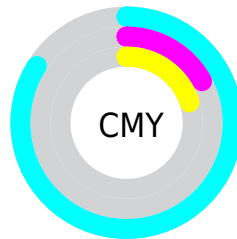
- Red (16%)
- Green (83%)
- Blue (80%)



- Red (16%)
- Yellow (50%)
- Blue (83%)



- Cyan (81%)
- Magenta (0%)
- Yellow (4%)
- Black (17%)



- Cyan (84%)
- Magenta (17%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28D4CC 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 28D4CC by changing the saturation by 10% instead.

 28D4CC

 28D4CC

FFFFFF

 00B8B1

 77FFFF

 009D96

 97FFFF

 00827C

 B6FFFF

 006863

 D5FFFF

 004F4C

 F4FFFF

 003735

 002220

 000008

 000000

■ 28D4CC

■ 28D4CC

■ 13D4CB

■ 3DD4CD

■ 00D4CA

■ 52D4CE

■ 68D4CF

■ 7DD4D0

■ 92D4D1

■ A7D4D2

■ BCD4D3

■ D2D4D4

■ E7D4D5

Harmonies

Analogous

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



6CD2A3



28D4CC



00D1F1

Triad

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



28D4CC



D5AFFB



EFB374

Complementary

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



28D4CC



D42830

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.



FFA68D



28D4CC



FCA3DA

Square

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



28D4CC



9BBEFF



FF9FB2



CBC16F

Rectangle

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



28D4CC



33CFFF



FF9FB2



F8AF7A

Sweetspot

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



28D4CC



C2FFFC



31D428



5B807E



000000



808080

Same Dimension

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



28D4CC



08FFF3



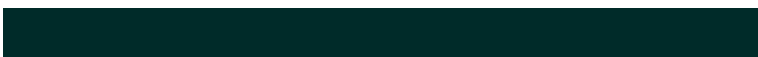
2887D4



606B6B



00ABA3



002B29

Inverse Universe

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



D42830



FF0813



D47528



6B6061



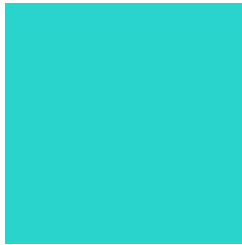
AB0008



2B0002

Previews

White Background



This preview shows how the Hex color 28D4CC looks on a white background.

Color Contrast Check

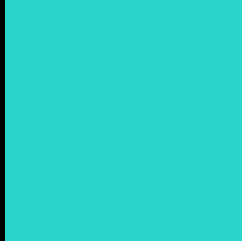
Large Text (above 18pt) WCAG AA × Fail

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 28D4CC 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

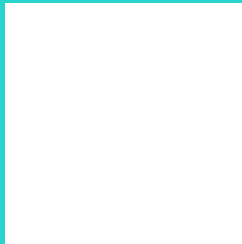
Any Text WCAG AAA ✓ Pass

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

Hex 28D4CC Background



This preview shows how black text looks on a background with the Hex color 28D4CC.

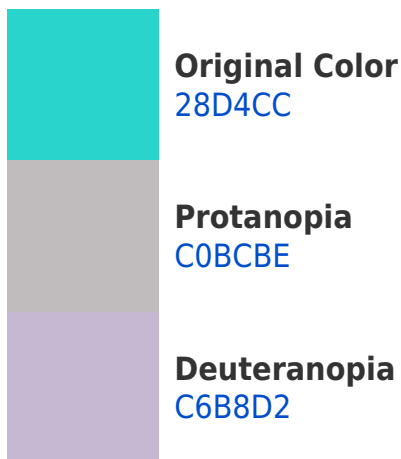


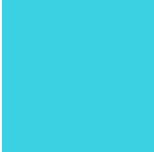
This preview shows how white text looks on a background with the Hex color 28D4CC.

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
3BD1E2

Trichromacy



Original Color
28D4CC



Protanomaly
89C5C3



Deuteranomaly
8DC2D0

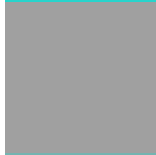


Tritanomaly
34D2DA

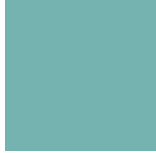
Monochromacy



Original Color
28D4CC



Achromatopsia
A0A0A0



Achromatomaly
74B3B0

CSS Examples

Text

The CSS property to change the color of the text to Hex 28D4CC 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 #28D4CC looks like.

```
.text, #text, p{  
    color:#28D4CC  
}
```

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 #28D4CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28D4CC  
}
```

Border

The CSS property to change the border of an element to Hex 28D4CC 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  
#28D4CC }
```

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

```
.border{ border-color:#28D4CC }
```

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

Here you see how a box with a 4 pixel #28D4CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28D4CC; -webkit-box-shadow:4px 4px  
4px 4px #28D4CC; box-shadow:4px 4px 4px  
4px #28D4CC }
```

Background

The CSS property to change the background color of an element to Hex 28D4CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28D4CC }
```

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

```
.background{ background-color:#28D4CC }
```

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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