

Converting Colors

Hex(28D8D6)

Have a look what the booklet for
Hex(28D8D6) contains.

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Color

Hex(28D8D6)

Conversions

Conversions Part 1

Format	Color
Hex	28D8D6
RGB	40, 216, 214
RGB Percent	16%, 85%, 84%
CMY	0.8431, 0.1529, 0.1608
CMYK	0.81, 0.00, 0.01, 0.15
HSL	179°, 69%, 50%
HSV	179°, 81%, 85%
XYZ	37.5685, 54.4179, 72.1420
YIQ	163.1480, -104.2540, -37.9340

Conversions

Conversions Part 2

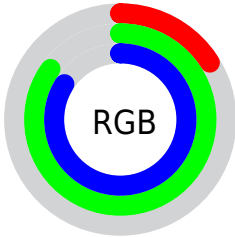
Format	Color
RYB	40, 129, 216
Decimal	2676950
CIELab	78.70, -41.27, -11.07
CIELCh	79, 42.727, 195.020
Yxy	54.4179, 0.2289, 0.3316
Android (android.graphics.Color)	4280867030 (0xFF28D8D6)
YUV	163.1480, 25.0700, -108.0008
Hunter-Lab	73.7685, -38.1890, -6.3448

Details

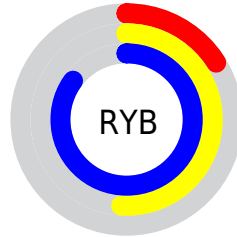
The Hex color **28D8D6** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **D8282A**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **78FFFF**, and **00A09F** is the 20% darker color. If you saturate the color by 10%, you get **12D8D6**, and if you desaturate by 10%, it is **3ED8D6**.

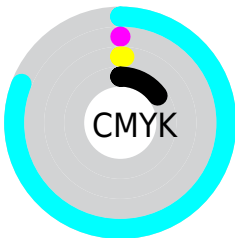
Distribution



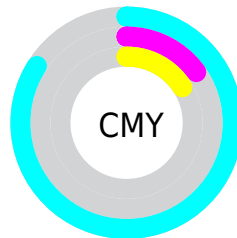
- Red (16%)
- Green (85%)
- Blue (84%)



- Red (16%)
- Yellow (51%)
- Blue (85%)



- Cyan (81%)
- Magenta (0%)
- Yellow (1%)
- Black (15%)



- Cyan (84%)
- Magenta (15%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28D8D6 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 28D8D6 by changing the saturation by 10% instead.

 28D8D6

 28D8D6

FFFFFF

 00BCBA

 78FFFF

 00A09F

 99FFFF

 008685

 B8FFFF

 006C6C

 D8FFFF

 005354

 F7FFFF

 003A3D

 002627

 000113

 000000

 28D8D6

 28D8D6

 12D8D6

 3ED8D6

 00D8D6

 53D8D6

 69D8D7

 7ED8D7

 94D8D7

 AAD8D7

 BFD8D8

 D5D8D8

 EAD8D8

Harmonies

Analogous

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



69D7AD



28D8D6



09D5FA

Triad

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



28D8D6



E0B1FB



EEBA76

Complementary

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



28D8D6



D8282A

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.



FFAC8C



28D8D6



FFA6D8

Square

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



28D8D6



A9C0FF



FFA4B0



C9C775

Rectangle

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



28D8D6



4AD0FF



FFA4B0



F8B57B

Sweetspot

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



28D8D6



C2FFFE



2BD828



5B807F



000000



808080

Same Dimension

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



28D8D6



05FFFC



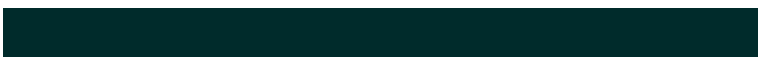
2883D8



606B6B



00ABA9



002B2B

Inverse Universe

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



D8282A



FF0508



D87D28



6B6061



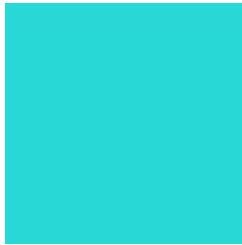
AB0002



2B0000

Previews

White Background



This preview shows how the Hex color 28D8D6 looks on a white background.

Color Contrast Check

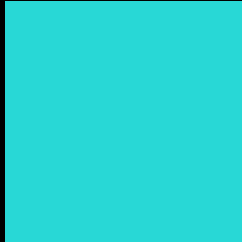
Large Text (above 18pt) WCAG AA × Fail

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 28D8D6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

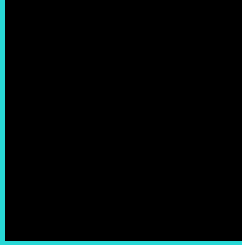
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

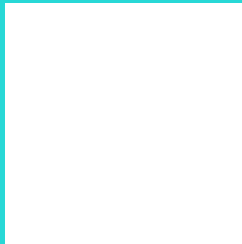
Any Text WCAG AAA ✓ Pass

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

Hex 28D8D6 Background



This preview shows how black text looks on a background with the Hex color 28D8D6.

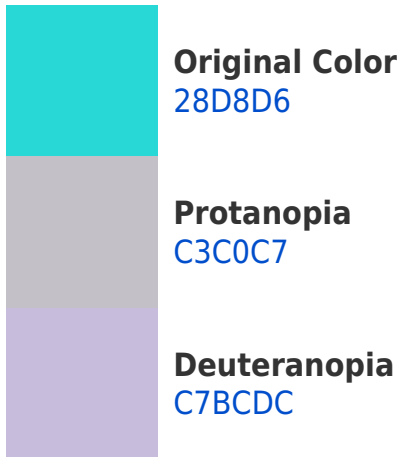


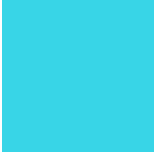
This preview shows how white text looks on a background with the Hex color 28D8D6.

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
38D5E7

Trichromacy



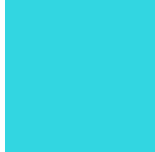
Original Color
28D8D6



Protanomaly
8BC9CC



Deuteranomaly
8DC6DA

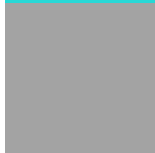


Tritanomaly
32D6E1

Monochromacy



Original Color
28D8D6



Achromatopsia
A3A3A3



Achromatomaly
76B6B6

CSS Examples

Text

The CSS property to change the color of the text to Hex 28D8D6 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 #28D8D6 looks like.

```
.text, #text, p{  
    color:#28D8D6  
}
```

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 #28D8D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28D8D6
}
```

Border

The CSS property to change the border of an element to Hex 28D8D6 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
#28D8D6 }
```

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

```
.border{ border-color:#28D8D6 }
```

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

Here you see how a box with a 4 pixel #28D8D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28D8D6; -webkit-box-shadow:4px 4px  
4px 4px #28D8D6; box-shadow:4px 4px 4px  
4px #28D8D6 }
```

Background

The CSS property to change the background color of an element to Hex 28D8D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28D8D6 }
```

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

```
.background{ background-color:#28D8D6 }
```

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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