

Converting Colors

Hex(28D7D7)

Have a look what the booklet for
Hex(28D7D7) contains.

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Color

Hex(28D7D7)

Conversions

Conversions Part 1

Format	Color
Hex	28D7D7
RGB	40, 215, 215
RGB Percent	16%, 84%, 84%
CMY	0.8431, 0.1569, 0.1569
CMYK	0.81, 0.00, 0.00, 0.16
HSL	180°, 69%, 50%
HSV	180°, 81%, 84%
XYZ	37.4413, 53.9583, 72.7316
YIQ	162.6750, -104.3000, -37.1000

Conversions

Conversions Part 2

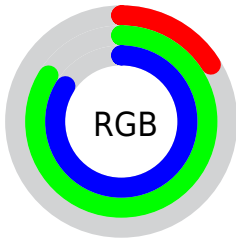
Format	Color
RYB	40, 128, 215
Decimal	2676695
CIELab	78.44, -40.53, -12.01
CIELCh	78, 42.271, 196.503
Yxy	53.9583, 0.2281, 0.3288
Android (android.graphics.Color)	4280866775 (0xFF28D7D7)
YUV	162.6750, 25.7962, -107.5860
Hunter-Lab	73.4563, -37.5657, -7.2856

Details

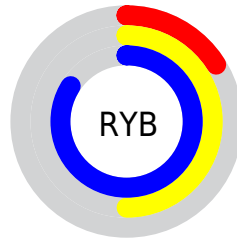
The Hex color **28D7D7** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **D72828**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **78FFFF**, and **009FA0** is the 20% darker color. If you saturate the color by 10%, you get **13D7D7**, and if you desaturate by 10%, it is **3ED7D7**.

Distribution



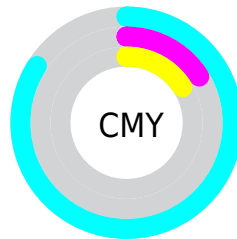
- Red (16%)
- Green (84%)
- Blue (84%)



- Red (16%)
- Yellow (50%)
- Blue (84%)



- Cyan (81%)
- Magenta (0%)
- Yellow (0%)
- Black (16%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 28D7D7 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 28D7D7 by changing the saturation by 10% instead.

■ 28D7D7

■ 28D7D7

FFFFFF

■ 00BBBB

■ 78FFFF

■ 009FA0

■ 99FFFF

■ 008586

■ B8FFFF

■ 006B6D

■ D8FFFF

■ 005255

■ F7FFFF

■ 003A3E

■ 002528

■ 000114

■ 000000

■ 28D7D7

■ 28D7D7

■ 13D7D7

■ 3ED7D7

■ 00D7D7

■ 53D7D7

■ 69D7D7

■ 7ED7D7

■ 94D7D7

■ A9D7D7

■ BFD7D7

■ D4D7D7

■ EAD7D7

Harmonies

Analogous

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



67D6AE



28D7D7



19D4FA

Triad

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



28D7D7



E2B0F8



EBBA76

Complementary

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



28D7D7



D72828

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.



FFAC8B



28D7D7



FFA5D6

Square

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



28D7D7



ACBEFF



FFA4AE



C6C775

Rectangle

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



28D7D7



4FCFFF



FFA4AE



F6B57B

Sweetspot

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



28D7D7



C2FFFF



28D728



5B8080



000000



808080

Same Dimension

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



28D7D7



05FFFF



287FD7



606B6B



00ABAB



002B2B

Inverse Universe

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



D728D7



FF05FF



D77F28



6B606B



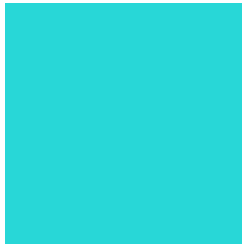
AB00AB



2B002B

Previews

White Background



This preview shows how the Hex color 28D7D7 looks on a white background.

Color Contrast Check

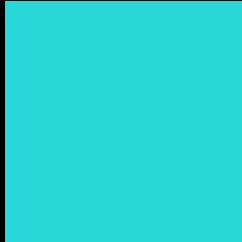
Large Text (above 18pt) WCAG AA × Fail

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 28D7D7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

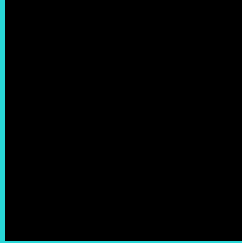
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

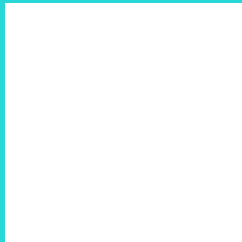
Any Text WCAG AAA ✓ Pass

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

Hex 28D7D7 Background



This preview shows how black text looks on a background with the Hex color 28D7D7.

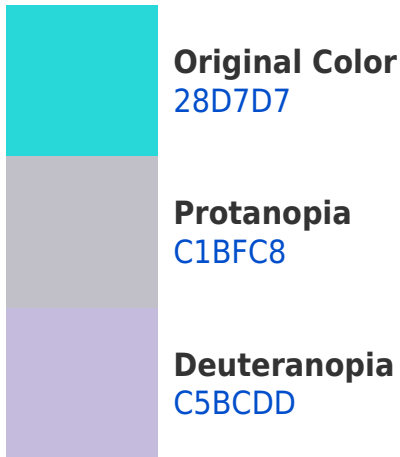


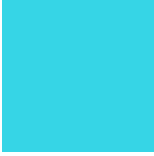
This preview shows how white text looks on a background with the Hex color 28D7D7.

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
36D5E6

Trichromacy



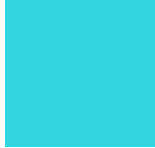
Original Color
28D7D7



Protanomaly
89C8CD



Deuteranomaly
8CC6DB



Tritanomaly
31D6E1

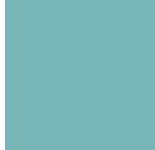
Monochromacy



Original Color
28D7D7



Achromatopsia
A3A3A3



Achromatomaly
76B6B6

CSS Examples

Text

The CSS property to change the color of the text to Hex 28D7D7 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 #28D7D7 looks like.

```
.text, #text, p{  
    color:#28D7D7  
}
```

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 #28D7D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28D7D7
}
```

Border

The CSS property to change the border of an element to Hex 28D7D7 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
#28D7D7 }
```

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

```
.border{ border-color:#28D7D7 }
```

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

Here you see how a box with a 4 pixel #28D7D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28D7D7; -webkit-box-shadow:4px 4px  
4px 4px #28D7D7; box-shadow:4px 4px 4px  
4px #28D7D7 }
```

Background

The CSS property to change the background color of an element to Hex 28D7D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28D7D7 }
```

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

```
.background{ background-color:#28D7D7 }
```

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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