

Converting Colors

Hex(27D0CA)

Have a look what the booklet for
Hex(27D0CA) contains.

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Color

Hex(27D0CA)

Conversions

Conversions Part 1

Format	Color
Hex	27D0CA
RGB	39, 208, 202
RGB Percent	15%, 82%, 79%
CMY	0.8471, 0.1843, 0.2078
CMYK	0.81, 0.00, 0.03, 0.18
HSL	178°, 68%, 48%
HSV	178°, 81%, 82%
XYZ	34.0532, 49.8074, 63.6961
YIQ	156.7850, -98.7980, -37.6940

Conversions

Conversions Part 2

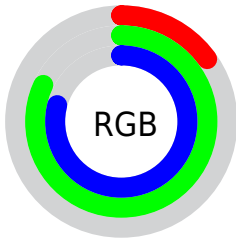
Format	Color
RYB	39, 125, 208
Decimal	2609354
CIELab	75.95, -41.22, -8.73
CIELCh	76, 42.134, 191.962
Yxy	49.8074, 0.2308, 0.3375
Android (android.graphics.Color)	4280799434 (0xFF27D0CA)
YUV	156.7850, 22.2910, -103.2974
Hunter-Lab	70.5743, -37.3760, -4.1095

Details

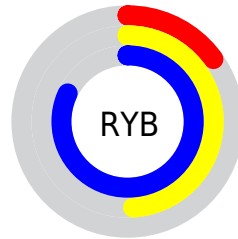
The Hex color **27D0CA** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **D0272D**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **75FFFF**, and **009994** is the 20% darker color. If you saturate the color by 10%, you get **12D0C9**, and if you desaturate by 10%, it is **3CD0CB**.

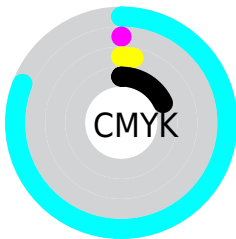
Distribution



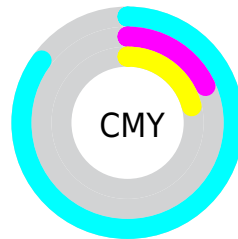
- Red (15%)
- Green (82%)
- Blue (79%)



- Red (15%)
- Yellow (49%)
- Blue (82%)



- Cyan (81%)
- Magenta (0%)
- Yellow (3%)
- Black (18%)



- Cyan (85%)
- Magenta (18%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 27D0CA 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 27D0CA by changing the saturation by 10% instead.

 27D0CA

 27D0CA

FFFFFF

 00B4AF

 75FFFF

 009994

 95FFFF

 007E7A

 B5FFFF

 006562

 D4FFFF

 004C4A

 F3FFFF

 003433

 001E1E

 000004

 000000

■ 27D0CA

■ 27D0CA

■ 12D0C9

■ 3CD0CB

■ 00D0C9

■ 51D0CB

■ 65D0CC

■ 7AD0CD

■ 8FD0CE

■ A4D0CE

■ B9D0CF

■ CDD0D0

■ E2D0D1

Harmonies

Analogous

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



68CEA2



27D0CA



00CDEE

Triad

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



27D0CA



D4ABF5



E9B171

Complementary

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



27D0CA



D0272D

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.



FFA489



27D0CA



F8A0D4

Square

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



27D0CA



9CBAFF



FF9DAD



C5BE6E

Rectangle

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



27D0CA



39C9FF



FF9DAD



F2AC77

Sweetspot

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



27D0CA



C2FFFD



2FD027



5B807E



000000



808080

Same Dimension

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



27D0CA



05FFF6



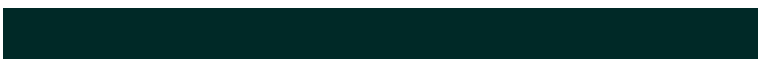
2784D0



5E6968



00A8A2



002927

Inverse Universe

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



D0272D



FF050E



D07327



695E5E



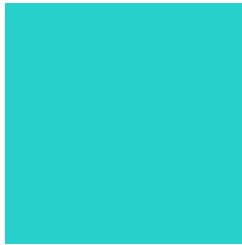
A80006



290001

Previews

White Background



This preview shows how the Hex color 27D0CA looks on a white background.

Color Contrast Check

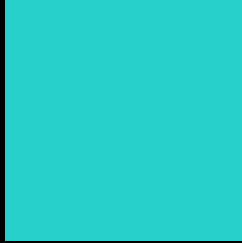
Large Text (above 18pt) WCAG AA × Fail

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 27D0CA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

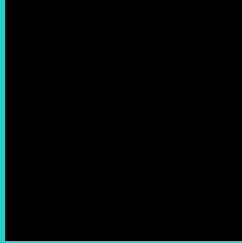
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

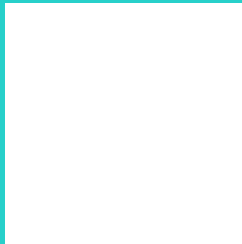
Any Text WCAG AAA ✓ Pass

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

Hex 27D0CA Background



This preview shows how black text looks on a background with the Hex color 27D0CA.

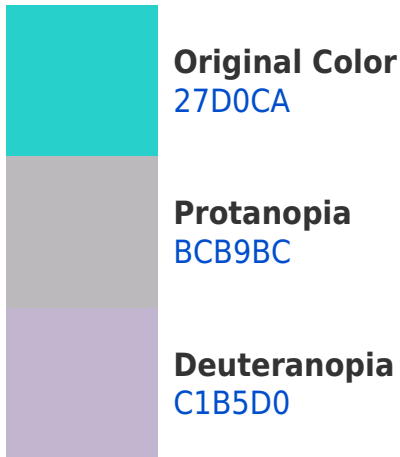


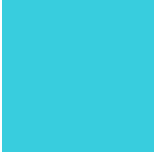
This preview shows how white text looks on a background with the Hex color 27D0CA.

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
38CDDE

Trichromacy



Original Color
27D0CA



Protanomaly
86C1C1



Deuteranomaly
89BFCE



Tritanomaly
32CED7

Monochromacy



Original Color
27D0CA



Achromatopsia
9D9D9D



Achromatomaly
72B0AD

CSS Examples

Text

The CSS property to change the color of the text to Hex 27D0CA 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 #27D0CA looks like.

```
.text, #text, p{  
    color:#27D0CA  
}
```

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 #27D0CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27D0CA
}
```

Border

The CSS property to change the border of an element to Hex 27D0CA 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
#27D0CA }
```

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

```
.border{ border-color:#27D0CA }
```

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

Here you see how a box with a 4 pixel #27D0CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27D0CA; -webkit-box-shadow:4px 4px  
4px 4px #27D0CA; box-shadow:4px 4px 4px  
4px #27D0CA }
```

Background

The CSS property to change the background color of an element to Hex 27D0CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27D0CA }
```

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

```
.background{ background-color:#27D0CA }
```

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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