

Converting Colors

Hex(27D1D3)

Have a look what the booklet for
Hex(27D1D3) contains.

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Color

Hex(27D1D3)

Conversions

Conversions Part 1

Format	Color
Hex	27D1D3
RGB	39, 209, 211
RGB Percent	15%, 82%, 83%
CMY	0.8471, 0.1804, 0.1725
CMYK	0.82, 0.01, 0.00, 0.17
HSL	181°, 69%, 49%
HSV	181°, 82%, 83%
XYZ	35.3950, 50.7354, 69.5554
YIQ	158.3980, -101.9620, -35.4180

Conversions

Conversions Part 2

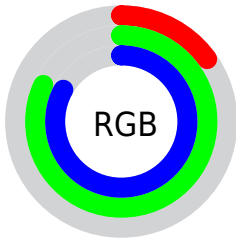
Format	Color
RYB	39, 124, 211
Decimal	2609619
CIELab	76.52, -39.06, -12.73
CIElCh	77, 41.084, 198.055
Yxy	50.7354, 0.2273, 0.3259
Android (android.graphics.Color)	4280799699 (0xFF27D1D3)
YUV	158.3980, 25.9328, -104.7120
Hunter-Lab	71.2288, -35.9501, -8.0369

Details

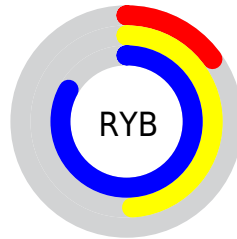
The Hex color **27D1D3** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **D32927**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **76FFFF**, and **009A9D** is the 20% darker color. If you saturate the color by 10%, you get **12D1D3**, and if you desaturate by 10%, it is **3CD1D3**.

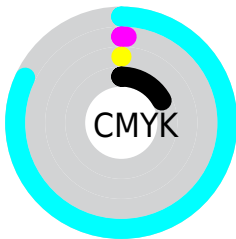
Distribution



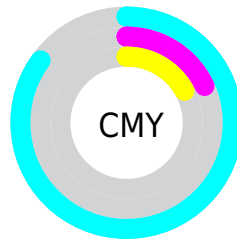
- Red (15%)
- Green (82%)
- Blue (83%)



- Red (15%)
- Yellow (49%)
- Blue (83%)



- Cyan (82%)
- Magenta (1%)
- Yellow (0%)
- Black (17%)



- Cyan (85%)
- Magenta (18%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 27D1D3 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 27D1D3 by changing the saturation by 10% instead.

 27D1D3

 27D1D3

FFFFFF

 00B5B7


 76FFFF

 009A9D

 97FFFF

 007F83

 B6FFFF

 006669

 D5FFFF

 004D51

 F5FFFF

 00353A

 002025

 00010F

 000000

■ 27D1D3

■ 27D1D3

■ 12D1D3

■ 3CD1D3

■ 00D1D3

■ 51D1D3

■ 66D2D3

■ 7BD2D3

■ 91D2D3

■ A6D2D3

■ BBD3D3

■ D0D3D3

■ E5D3D3

Harmonies

Analogous

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



62D0AC



27D1D3



22CDF4

Triad

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



27D1D3



DDABF0



E3B572

Complementary

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



27D1D3



D32927

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.



FDA886



27D1D3



FDA1CE

Square

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



27D1D3



ABB9FF



FFA0A7



BFC273

Rectangle

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



27D1D3



52C8FF



FFA0A7



EDB177

Sweetspot

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



27D1D3



C2FEFF



27D327



5B7F80



000000



808080

Same Dimension

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



27D1D3



05FCFF



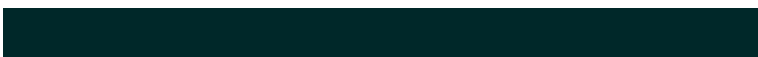
277DD3



5E6869



00A6A8



002829

Inverse Universe

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



D327D1



FF05FC



D37D27



695E68



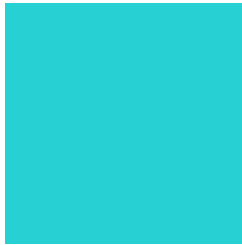
A800A6



290028

Previews

White Background



This preview shows how the Hex color 27D1D3 looks on a white background.

Color Contrast Check

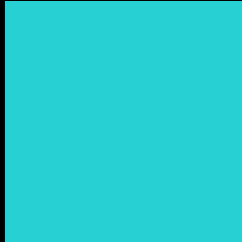
Large Text (above 18pt) WCAG AA × Fail

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 27D1D3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

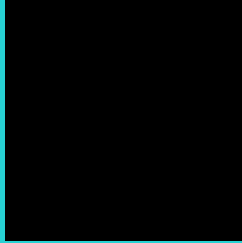
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

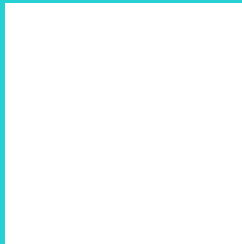
Any Text WCAG AAA ✓ Pass

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

Hex 27D1D3 Background



This preview shows how black text looks on a background with the Hex color 27D1D3.

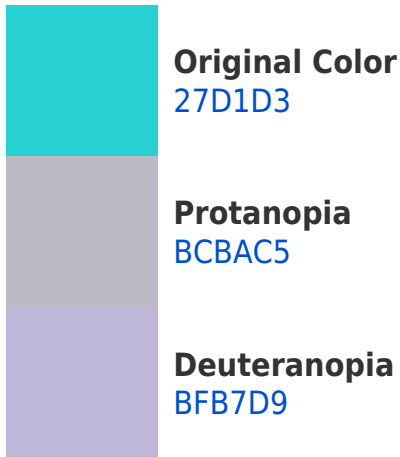


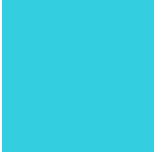
This preview shows how white text looks on a background with the Hex color 27D1D3.

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
33CFE0

Trichromacy



Original Color
27D1D3



Protanomaly
86C2CA



Deuteranomaly
88C0D7

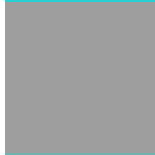


Tritanomaly
2FD0DB

Monochromacy



Original Color
27D1D3



Achromatopsia
9E9E9E



Achromatomaly
73B1B1

CSS Examples

Text

The CSS property to change the color of the text to Hex 27D1D3 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 #27D1D3 looks like.

```
.text, #text, p{  
    color:#27D1D3  
}
```

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 #27D1D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27D1D3
}
```

Border

The CSS property to change the border of an element to Hex 27D1D3 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
#27D1D3 }
```

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

```
.border{ border-color:#27D1D3 }
```

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

Here you see how a box with a 4 pixel #27D1D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27D1D3; -webkit-box-shadow:4px 4px  
4px 4px #27D1D3; box-shadow:4px 4px 4px  
4px #27D1D3 }
```

Background

The CSS property to change the background color of an element to Hex 27D1D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27D1D3 }
```

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

```
.background{ background-color:#27D1D3 }
```

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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