

Converting Colors

Hex(27DDB0)

Have a look what the booklet for
Hex(27DDB0) contains.

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Color

Hex(27DDB0)

Conversions

Conversions Part 1

Format	Color
Hex	27DDB0
RGB	39, 221, 176
RGB Percent	15%, 87%, 69%
CMY	0.8471, 0.1333, 0.3098
CMYK	0.82, 0.00, 0.20, 0.13
HSL	165°, 73%, 51%
HSV	165°, 82%, 87%
XYZ	34.5296, 55.2788, 49.9243
YIQ	161.4520, -94.0270, -52.5790

Conversions

Conversions Part 2

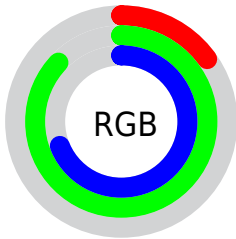
Format	Color
RYB	39, 143, 221
Decimal	2612656
CIELab	79.20, -53.58, 9.92
CIELCh	79, 54.492, 169.513
Yxy	55.2788, 0.2471, 0.3956
Android (android.graphics.Color)	4280802736 (0xFF27DDB0)
YUV	161.4520, 7.1722, -107.3904
Hunter-Lab	74.3497, -47.2128, 12.2328

Details

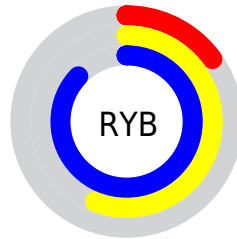
The Hex color **27DDB0** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **DD2754**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **76FFE8**, and **00A57B** is the 20% darker color. If you saturate the color by 10%, you get **11DDAB**, and if you desaturate by 10%, it is **3DDDB5**.

Distribution



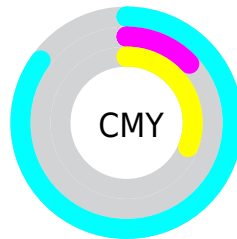
- Red (15%)
- Green (87%)
- Blue (69%)



- Red (15%)
- Yellow (56%)
- Blue (87%)



- Cyan (82%)
- Magenta (0%)
- Yellow (20%)
- Black (13%)



- Cyan (85%)
- Magenta (13%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 27DDB0 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 27DDB0 by changing the saturation by 10% instead.

 27DDB0

 27DDB0

FFFFFF

 00C195

 76FFE8

 00A57B

 96FFFF

 008A63

 B5FFFF

 006F4B

 D4FFFF

 005634

 F3FFFF

 003D1F

 002608

 000000

 27DDB0

 27DDB0

■ 11DDAB

■ 3DDDB5

■ 00DDA6

■ 53DDBB

■ 69DDC0

■ 7FDDC6

■ 96DDCB

■ ACDDD1

■ C2DDD6

■ D8DDDC

■ EEDDE1

Harmonies

Analogous

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



87D780



27DDB0



00DEE4

Triad

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



27DDB0



ACBEFF



FFA979

Complementary

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



27DDB0



DD2754

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.



FF9BA5



27DDB0



F1AAFF

Square

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



27DDB0



32CFFF



FF9CD8



F2BB5E

Rectangle

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



27DDB0



00DCFF



FF9CD8



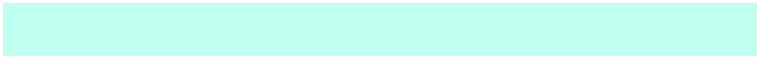
FFA386

Sweetspot

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



27DDB0



BFFFEF



55DD27



598076



000000



808080

Same Dimension

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



27DDB0



03FFC1



27B0DD



636E6B



00AD83



002E23

Inverse Universe

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



DD2754



FF0341



DD5527



6E6365



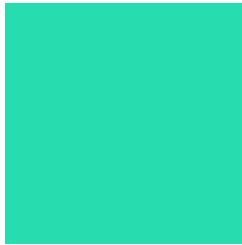
AD002B



2E000B

Previews

White Background



This preview shows how the Hex color 27DDB0 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 27DDB0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

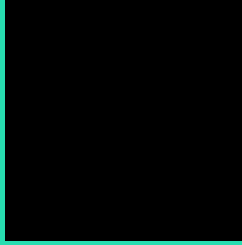
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

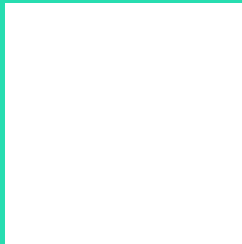
Any Text WCAG AAA ✓ Pass

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

Hex 27DDB0 Background



This preview shows how black text looks on a background with the Hex color 27DDB0.



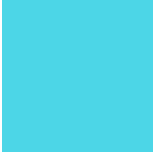
This preview shows how white text looks on a background with the Hex color 27DDB0.

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](#).

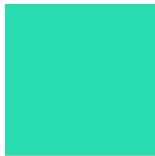
Dichromacy



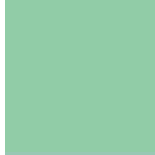


Tritanopia
4CD6E7

Trichromacy



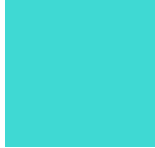
Original Color
27DDB0



Protanomaly
91CCA7



Deuteranomaly
98C8B4



Tritanomaly
3FD9D3

Monochromacy



Original Color
27DDB0



Achromatopsia
A1A1A1



Achromatomaly
75B7A6

CSS Examples

Text

The CSS property to change the color of the text to Hex 27DDB0 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 #27DDB0 looks like.

```
.text, #text, p{  
    color:#27DDB0  
}
```

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 #27DDB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27DDB0  
}
```

Border

The CSS property to change the border of an element to Hex 27DDB0 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  
#27DDB0 }
```

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

```
.border{ border-color:#27DDB0 }
```

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

Here you see how a box with a 4 pixel #27DDB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27DDB0; -webkit-box-shadow:4px 4px  
4px 4px #27DDB0; box-shadow:4px 4px 4px  
4px #27DDB0 }
```

Background

The CSS property to change the background color of an element to Hex 27DDB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27DDB0 }
```

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

```
.background{ background-color:#27DDB0 }
```

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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