

Converting Colors

Hex(27D5DB)

Have a look what the booklet for
Hex(27D5DB) contains.

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Color

Hex(27D5DB)

Conversions

Conversions Part 1

Format	Color
Hex	27D5DB
RGB	39, 213, 219
RGB Percent	15%, 84%, 86%
CMY	0.8471, 0.1647, 0.1412
CMYK	0.82, 0.03, 0.00, 0.14
HSL	182°, 71%, 51%
HSV	182°, 82%, 86%
XYZ	37.4171, 53.1343, 75.3017
YIQ	161.6580, -105.6300, -35.0220

Conversions

Conversions Part 2

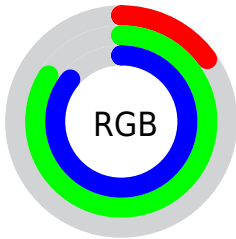
Format	Color
RYB	39, 127, 219
Decimal	2610651
CIELab	77.95, -38.53, -14.88
CIELCh	78, 41.298, 201.113
Yxy	53.1343, 0.2256, 0.3204
Android (android.graphics.Color)	4280800731 (0xFF27D5DB)
YUV	161.6580, 28.2696, -107.5711
Hunter-Lab	72.8933, -35.9367, -10.2237

Details

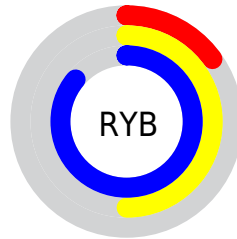
The Hex color **27D5DB** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **DB2D27**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **78FFFF**, and **009EA4** is the 20% darker color. If you saturate the color by 10%, you get **11D4DB**, and if you desaturate by 10%, it is **3DD6DB**.

Distribution



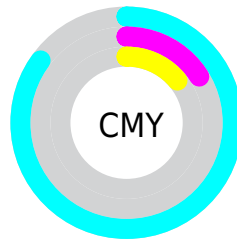
- Red (15%)
- Green (84%)
- Blue (86%)



- Red (15%)
- Yellow (50%)
- Blue (86%)



- Cyan (82%)
- Magenta (3%)
- Yellow (0%)
- Black (14%)



- Cyan (85%)
- Magenta (16%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 27D5DB 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 27D5DB by changing the saturation by 10% instead.

 27D5DB

 27D5DB

FFFFFF

 00B9BF

 78FFFF

 009EA4

 98FFFF

 00838A

 B8FFFF

 006970

 D8FFFF

 005058

 F7FFFF

 003841

 00242B

 000117

 000000

■ 27D5DB

■ 27D5DB

■ 11D4DB

■ 3DD6DB

■ 00D4DB

■ 53D6DB

■ 69D7DB

■ 7FD8DB

■ 95D9DB

■ AAD9DB

■ C0DADB

■ D6DBDB

■ ECDCDB

Harmonies

Analogous

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



60D5B4



27D5DB



2FD1FB

Triad

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



27D5DB



E6ADF1



E4BA75

Complementary

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



27D5DB



DB2D27

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.



FFAD87



27D5DB



FFA4CE

Square

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



27D5DB



B5BBFF



FFA4A7



BFC778

Rectangle

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



27D5DB



5ECBFF



FFA4A7



EFB679

Sweetspot

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



27D5DB



BFFDFF



27DB2D



597E80



000000



808080

Same Dimension

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



27D5DB



03F7FF



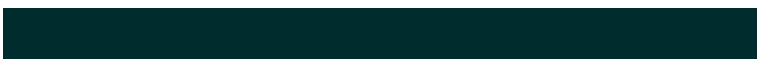
277BDB



636D6E



00A8AD



002C2E

Inverse Universe

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



DB27D5



FF03F7



DB8727



6E636D



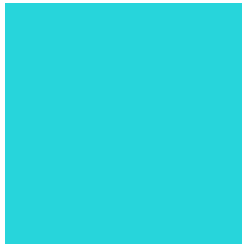
AD00A8



2E002C

Previews

White Background



This preview shows how the Hex color 27D5DB looks on a white background.

Color Contrast Check

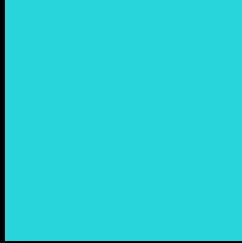
Large Text (above 18pt) WCAG AA × Fail

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 27D5DB 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 27D5DB Background



This preview shows how black text looks on a background with the Hex color 27D5DB.

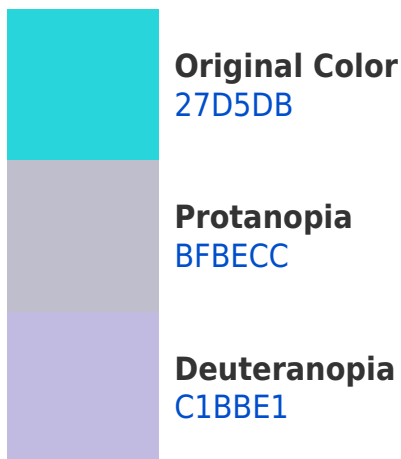


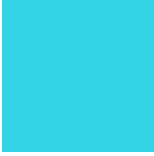
This preview shows how white text looks on a background with the Hex color 27D5DB.

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](#).

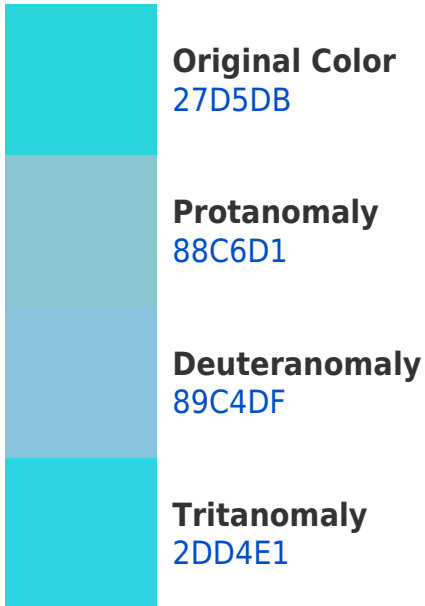
Dichromacy



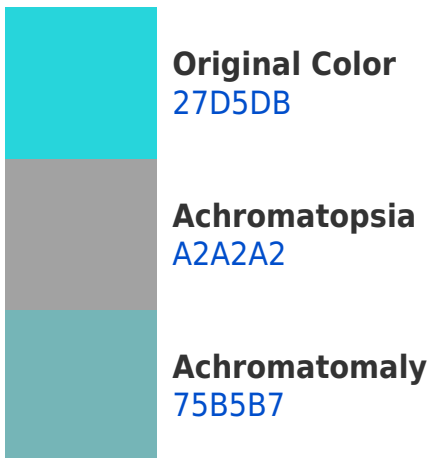


Tritanopia
31D3E5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 27D5DB 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 #27D5DB looks like.

```
.text, #text, p{  
    color:#27D5DB  
}
```

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 #27D5DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27D5DB
}
```

Border

The CSS property to change the border of an element to Hex 27D5DB 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
#27D5DB }
```

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

```
.border{ border-color:#27D5DB }
```

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

Here you see how a box with a 4 pixel #27D5DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27D5DB; -webkit-box-shadow:4px 4px  
4px 4px #27D5DB; box-shadow:4px 4px 4px  
4px #27D5DB }
```

Background

The CSS property to change the background color of an element to Hex 27D5DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27D5DB }
```

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

```
.background{ background-color:#27D5DB }
```

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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