

Converting Colors

Hex(29D3DB)

Have a look what the booklet for
Hex(29D3DB) contains.

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Color

Hex(29D3DB)

Conversions

Conversions Part 1

Format	Color
Hex	29D3DB
RGB	41, 211, 219
RGB Percent	16%, 83%, 86%
CMY	0.8392, 0.1725, 0.1412
CMYK	0.81, 0.04, 0.00, 0.14
HSL	183°, 71%, 51%
HSV	183°, 81%, 86%
XYZ	36.9949, 52.1744, 75.1387
YIQ	161.0820, -103.8880, -33.5520

Conversions

Conversions Part 2

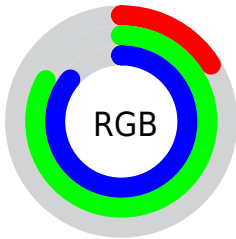
Format	Color
RYB	41, 128, 219
Decimal	2741211
CIELab	77.39, -37.46, -15.73
CIELCh	77, 40.625, 202.780
Yxy	52.1744, 0.2252, 0.3175
Android (android.graphics.Color)	4280931291 (0xFF29D3DB)
YUV	161.0820, 28.5536, -105.3119
Hunter-Lab	72.2319, -34.9836, -11.1137

Details

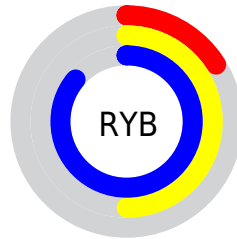
The Hex color **29D3DB** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **DB3129**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **78FFFF**, and **009CA4** is the 20% darker color. If you saturate the color by 10%, you get **13D2DB**, and if you desaturate by 10%, it is **3FD4DB**.

Distribution



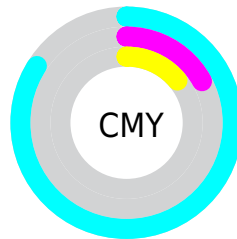
- Red (16%)
- Green (83%)
- Blue (86%)



- Red (16%)
- Yellow (50%)
- Blue (86%)



- Cyan (81%)
- Magenta (4%)
- Yellow (0%)
- Black (14%)



- Cyan (84%)
- Magenta (17%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 29D3DB 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 29D3DB by changing the saturation by 10% instead.

 29D3DB

 29D3DB

FFFFFF

 00B7BF

 78FFFF

 009CA4

 99FFFF

 00818A

 B9FFFF

 006870

 D8FFFF

 004F58

 F7FFFF

 003741

 00222B

 000116

 000000

■ 29D3DB

■ 29D3DB

■ 13D2DB

■ 3FD4DB

■ 00D1DB

■ 55D5DB

■ 6BD6DB

■ 81D7DB

■ 97D8DB

■ ACD9DB

■ C2DADB

■ D8DBDB

■ EEDCDB

Harmonies

Analogous

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



5ED3B4



29D3DB



37CFFA

Triad

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



29D3DB



E6ABED



E0BA74

Complementary

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



29D3DB



DB3129

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.



FCAD85



29D3DB



FFA3CA

Square

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



29D3DB



B6B9FF



FFA3A4



BBC678

Rectangle

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



29D3DB



63C9FF



FFA3A4



EBB578

Sweetspot

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



29D3DB



C2FCFF



29DB2F



5B7E80



000000



808080

Same Dimension

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



29D3DB



05F4FF



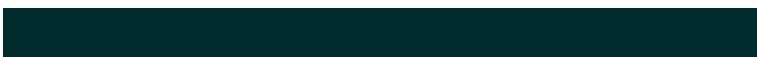
297CDB



636D6E



00A6AD



002C2E

Inverse Universe

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



DB29D3



FF05F4



DB8829



6E636D



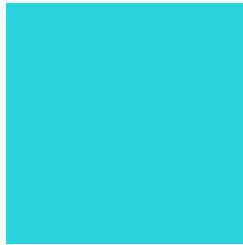
AD00A6



2E002C

Previews

White Background



This preview shows how the Hex color 29D3DB looks on a white background.

Color Contrast Check

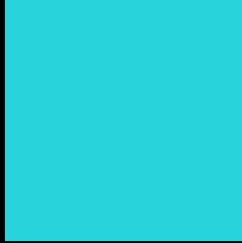
Large Text (above 18pt) WCAG AA × Fail

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 29D3DB 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

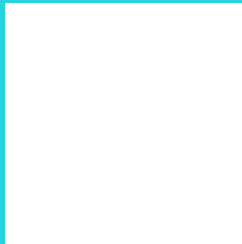
Any Text WCAG AAA ✓ Pass

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

Hex 29D3DB Background



This preview shows how black text looks on a background with the Hex color 29D3DB.

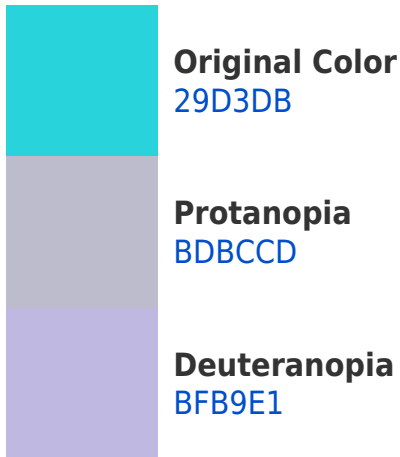


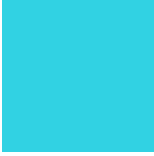
This preview shows how white text looks on a background with the Hex color 29D3DB.

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](#).

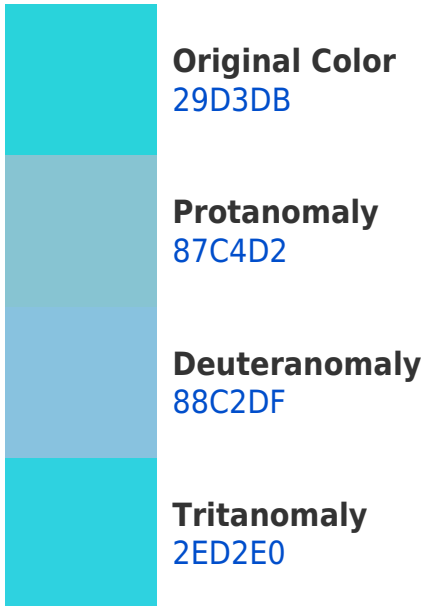
Dichromacy



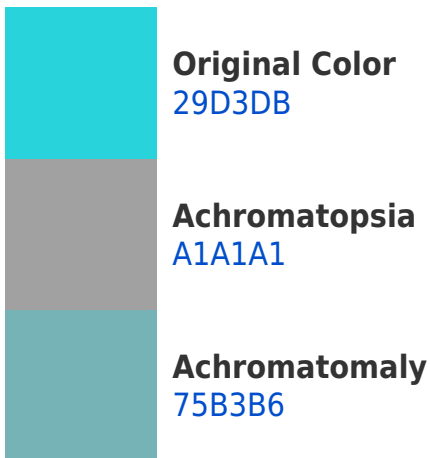


Tritanopia
31D2E3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 29D3DB 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 #29D3DB looks like.

```
.text, #text, p{  
    color:#29D3DB  
}
```

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 #29D3DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29D3DB  
}
```

Border

The CSS property to change the border of an element to Hex 29D3DB 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  
#29D3DB }
```

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

```
.border{ border-color:#29D3DB }
```

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

Here you see how a box with a 4 pixel #29D3DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29D3DB; -webkit-box-shadow:4px 4px  
4px 4px #29D3DB; box-shadow:4px 4px 4px  
4px #29D3DB }
```

Background

The CSS property to change the background color of an element to Hex 29D3DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29D3DB }
```

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

```
.background{ background-color:#29D3DB }
```

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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