

Converting Colors

Hex(29C7D1)

Have a look what the booklet for
Hex(29C7D1) contains.

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Color

Hex(29C7D1)

Conversions

Conversions Part 1

Format	Color
Hex	29C7D1
RGB	41, 199, 209
RGB Percent	16%, 78%, 82%
CMY	0.8392, 0.2196, 0.1804
CMYK	0.80, 0.05, 0.00, 0.18
HSL	184°, 67%, 49%
HSV	184°, 80%, 82%
XYZ	32.8465, 45.9217, 67.4542
YIQ	152.8980, -97.3780, -30.3860

Conversions

Conversions Part 2

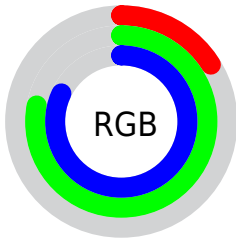
Format	Color
RYB	41, 122, 209
Decimal	2738129
CIELab	73.49, -34.88, -16.19
CIELCh	73, 38.453, 204.907
Yxy	45.9217, 0.2246, 0.3141
Android (android.graphics.Color)	4280928209 (0xFF29C7D1)
YUV	152.8980, 27.6583, -98.1345
Hunter-Lab	67.7656, -32.0694, -11.5817

Details

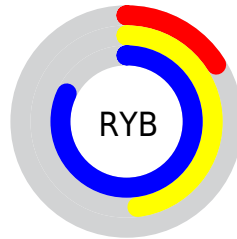
The Hex color **29C7D1** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **D13329**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **76FFFF**, and **00909B** is the 20% darker color. If you saturate the color by 10%, you get **14C6D1**, and if you desaturate by 10%, it is **3EC8D1**.

Distribution



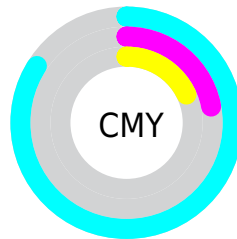
- Red (16%)
- Green (78%)
- Blue (82%)



- Red (16%)
- Yellow (48%)
- Blue (82%)



- Cyan (80%)
- Magenta (5%)
- Yellow (0%)
- Black (18%)



- Cyan (84%)
- Magenta (22%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 29C7D1 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 29C7D1 by changing the saturation by 10% instead.

 29C7D1

 29C7D1

FFFFFF

 00ABB5

 76FFFF

 00909B

 96FFFF

 007681

 B5FFFF

 005D68

 D4FFFF

 00454F

 F3FFFF

 002E39

 001623

 00000C

 000000

■ 29C7D1

■ 29C7D1

■ 14C6D1

■ 3EC8D1

■ 00C5D1

■ 53C9D1

■ 68CBD1

■ 7DCCD1

■ 92CDD1

■ A6CED1

■ BBD0D1

■ D0D1D1

■ E5D2D1

Harmonies

Analogous

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



57C7AD



29C7D1



3BC3ED

Triad

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



29C7D1



DBA1DE



D1B06E

Complementary

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



29C7D1



D13329

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.



ECA47C



29C7D1



F49ABC

Square

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



29C7D1



B0AEF4



F99B99



AEBB73

Rectangle

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



29C7D1



63BDF8



F99B99



DCAC71

Sweetspot

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



29C7D1



C2FBFF



29D131



5B7D80



000000



808080

Same Dimension

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



29C7D1



0AF0FF



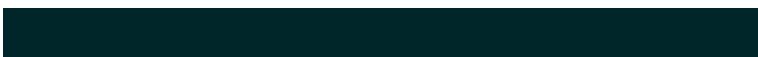
2975D1



5E6869



009EA8



002629

Inverse Universe

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



D129C7



FF0AF0



D18529



695E68



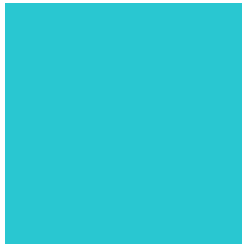
A8009E



290026

Previews

White Background



This preview shows how the Hex color 29C7D1 looks on a white background.

Color Contrast Check

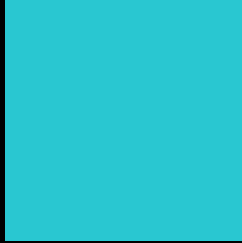
Large Text (above 18pt) WCAG AA × Fail

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 29C7D1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

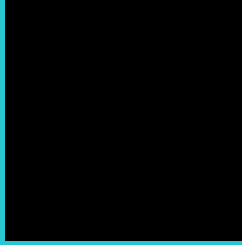
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

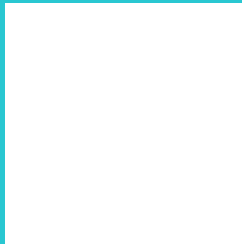
Any Text WCAG AAA ✓ Pass

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

Hex 29C7D1 Background



This preview shows how black text looks on a background with the Hex color 29C7D1.

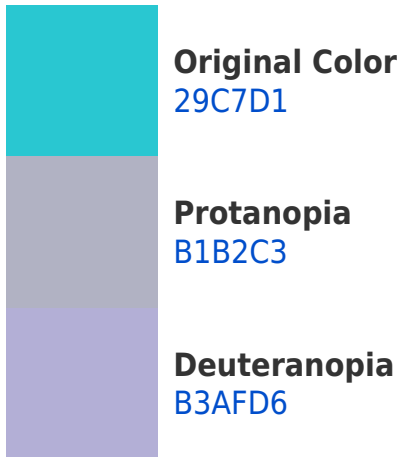


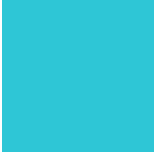
This preview shows how white text looks on a background with the Hex color 29C7D1.

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
2EC6D6

Trichromacy



Original Color
29C7D1



Protanomaly
80BAC8



Deuteranomaly
81B8D4



Tritanomaly
2CC6D4

Monochromacy



Original Color
29C7D1



Achromatopsia
999999



Achromatomaly
70AAAD

CSS Examples

Text

The CSS property to change the color of the text to Hex 29C7D1 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 #29C7D1 looks like.

```
.text, #text, p{  
    color:#29C7D1  
}
```

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 #29C7D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29C7D1
}
```

Border

The CSS property to change the border of an element to Hex 29C7D1 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
#29C7D1 }
```

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

```
.border{ border-color:#29C7D1 }
```

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

Here you see how a box with a 4 pixel #29C7D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29C7D1; -webkit-box-shadow:4px 4px  
4px 4px #29C7D1; box-shadow:4px 4px 4px  
4px #29C7D1 }
```

Background

The CSS property to change the background color of an element to Hex 29C7D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29C7D1 }
```

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

```
.background{ background-color:#29C7D1 }
```

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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