

Converting Colors

Hex(29C2D1)

Have a look what the booklet for
Hex(29C2D1) contains.

Hex(29C2D1)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(29C2D1)

Conversions

Conversions Part 1

Format	Color
Hex	29C2D1
RGB	41, 194, 209
RGB Percent	16%, 76%, 82%
CMY	0.8392, 0.2392, 0.1804
CMYK	0.80, 0.07, 0.00, 0.18
HSL	185°, 67%, 49%
HSV	185°, 80%, 82%
XYZ	31.7149, 43.6584, 67.0770
YIQ	149.9630, -96.0030, -27.7710

Conversions

Conversions Part 2

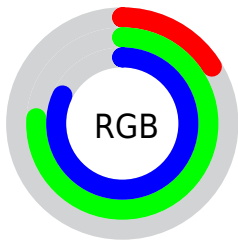
Format	Color
R _Y B	41, 121, 209
Decimal	2736849
CIE Lab	72.00, -32.51, -18.45
CIE LCh	72, 37.382, 209.581
Yxy	43.6584, 0.2226, 0.3065
Android (android.graphics.Color)	4280926929 (0xFF29C2D1)
YUV	149.9630, 29.1052, -95.5606
Hunter-Lab	66.0745, -29.9529, -13.9373

Details

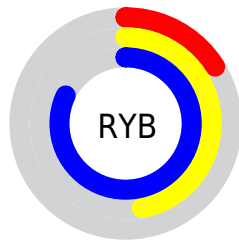
The Hex color **29C2D1** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **D13829**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **75FBFF**, and **008C9B** is the 20% darker color. If you saturate the color by 10%, you get **14C0D1**, and if you desaturate by 10%, it is **3EC4D1**.

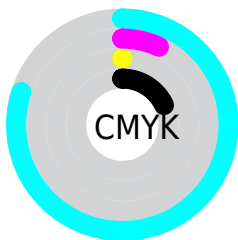
Distribution



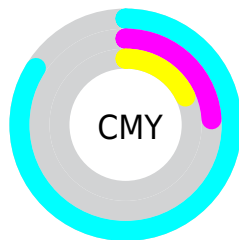
- Red (16%)
- Green (76%)
- Blue (82%)



- Red (16%)
- Yellow (47%)
- Blue (82%)



- Cyan (80%)
- Magenta (7%)
- Yellow (0%)
- Black (18%)



- Cyan (84%)
- Magenta (24%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 29C2D1 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 29C2D1 by changing the saturation by 10% instead.

 29C2D1

 29C2D1

FFFFFF

 00A7B5

 75FBFF

 008C9B

 95FFFF

 007281

 B4FFFF

 005967

 D3FFFF

 00414F

 F2FFFF

 002A38

 000F23

 00000B

 000000

■ 29C2D1

■ 29C2D1

■ 14C0D1

■ 3EC4D1

■ 00BED1

■ 53C6D1

■ 68C8D1

■ 7DC9D1

■ 92CBD1

■ A6CDD1

■ BBCFD1

■ D0D1D1

■ E5D3D1

Harmonies

Analogous

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



4FC3AF



29C2D1



45BDEA

Triad

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



29C2D1



DB9CD4



C8AE6C

Complementary

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



29C2D1



D13829

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.



E3A277



29C2D1



F096B2

Square

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



29C2D1



B4A8EC



F29991



A4B974

Rectangle

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



29C2D1



6CB7F3



F29991



D2AA6D

Sweetspot

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



29C2D1



C2FAFF



29D137



5B7C80



000000



808080

Same Dimension

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



29C2D1



0AE9FF



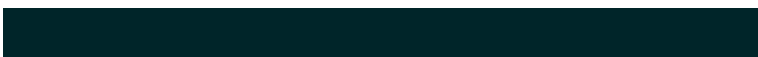
296FD1



5E6869



0099A8



002529

Inverse Universe

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



D129C2



FF0AE9



D18B29



695E68



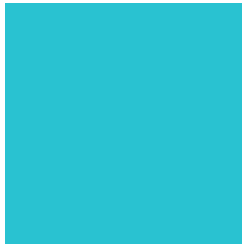
A80099



290025

Previews

White Background



This preview shows how the Hex color 29C2D1 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 29C2D1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

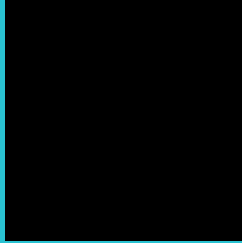
Any Text WCAG AA ✓ Pass

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 29C2D1 Background



This preview shows how black text looks on a background with the Hex color 29C2D1.

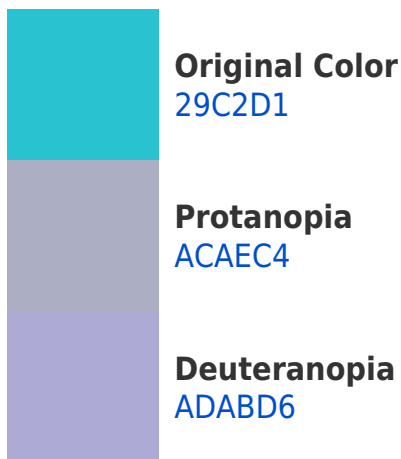


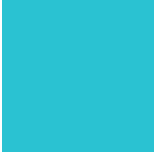
This preview shows how white text looks on a background with the Hex color 29C2D1.

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
2AC2D2

Trichromacy



Original Color
29C2D1



Protanomaly
7CB5C9



Deuteranomaly
7DB3D4



Tritanomaly
2AC2D2

Monochromacy



Original Color
29C2D1



Achromatopsia
969696



Achromatomaly
6EA6AB

CSS Examples

Text

The CSS property to change the color of the text to Hex 29C2D1 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 #29C2D1 looks like.

```
.text, #text, p{  
    color:#29C2D1  
}
```

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 #29C2D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29C2D1
}
```

Border

The CSS property to change the border of an element to Hex 29C2D1 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
#29C2D1 }
```

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

```
.border{ border-color:#29C2D1 }
```

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

Here you see how a box with a 4 pixel #29C2D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29C2D1; -webkit-box-shadow:4px 4px  
4px 4px #29C2D1; box-shadow:4px 4px 4px  
4px #29C2D1 }
```

Background

The CSS property to change the background color of an element to Hex 29C2D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29C2D1 }
```

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

```
.background{ background-color:#29C2D1 }
```

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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