

Converting Colors

Hex(29C0B3)

Have a look what the booklet for
Hex(29C0B3) contains.

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Color

Hex(29C0B3)

Conversions

Conversions Part 1

Format	Color
Hex	29C0B3
RGB	41, 192, 179
RGB Percent	16%, 75%, 70%
CMY	0.8392, 0.2471, 0.2980
CMYK	0.79, 0.00, 0.07, 0.25
HSL	175°, 65%, 46%
HSV	175°, 79%, 75%
XYZ	27.9008, 41.4254, 49.1732
YIQ	145.3690, -85.8230, -36.0550

Conversions

Conversions Part 2

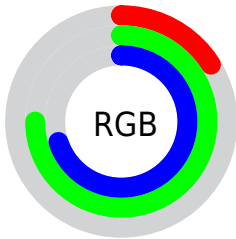
Format	Color
RYB	41, 120, 192
Decimal	2736307
CIELab	70.47, -40.43, -4.35
CIELCh	70, 40.663, 186.146
Yxy	41.4254, 0.2355, 0.3496
Android (android.graphics.Color)	4280926387 (0xFF29C0B3)
YUV	145.3690, 16.5801, -91.5316
Hunter-Lab	64.3625, -35.2558, -0.2440

Details

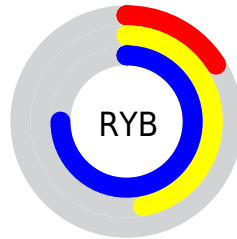
The Hex color **29C0B3** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle muted spring green. A complement of this color would be **C02936**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **72F9EB**, and **008A7E** is the 20% darker color. If you saturate the color by 10%, you get **16C0B1**, and if you desaturate by 10%, it is **3CC0B5**.

Distribution



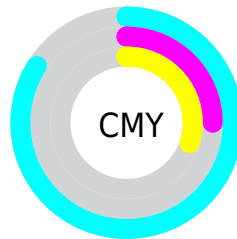
- Red (16%)
- Green (75%)
- Blue (70%)



- Red (16%)
- Yellow (47%)
- Blue (75%)



- Cyan (79%)
- Magenta (0%)
- Yellow (7%)
- Black (25%)



- Cyan (84%)
- Magenta (25%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 29C0B3 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 29C0B3 by changing the saturation by 10% instead.

 29C0B3

 29C0B3

FFFFFF

 00A498

 72F9EB

 008A7E

 91FFFF

 007065

 AFFFFFF

 00564E

 CDFFFF

 003E37

 ECFFFF

 002922

 00040C

 000000

 29C0B3

 29C0B3

■ 16C0B1

■ 3CC0B5

■ 03C0B0

■ 4FC0B6

■ 00C0AF

■ 63C0B8

■ 76C0BA

■ 89C0BB

■ 9CC0BD

■ AFC0BF

■ C3C0C0

■ D6C0C2

Harmonies

Analogous

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



67BE8D



29C0B3



00BED7

Triad

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



29C0B3



BAA0E8



DDA069

Complementary

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



29C0B3



C02936

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.



F09483



29C0B3



E194CB

Square

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



29C0B3



82ADF6



F38FA6



BDAD62

Rectangle

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



29C0B3



11BBE9



F38FA6



E59C70

Sweetspot

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



29C0B3



BEF4F5



38C029



597D7A



FCFCFC



7D7D7D

Same Dimension

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



29C0B3



0FFAE6



2984C0



576160



00A193



00211E

Inverse Universe

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



C02936



FA0F23



C06529



615758



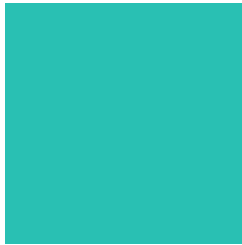
A1000E



210003

Previews

White Background



This preview shows how the Hex color 29C0B3 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 29C0B3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

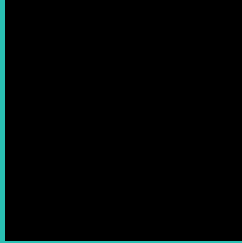
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

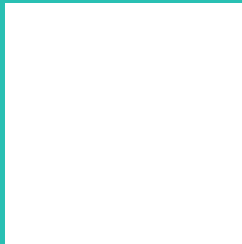
Any Text WCAG AAA ✓ Pass

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

Hex 29C0B3 Background



This preview shows how black text looks on a background with the Hex color 29C0B3.

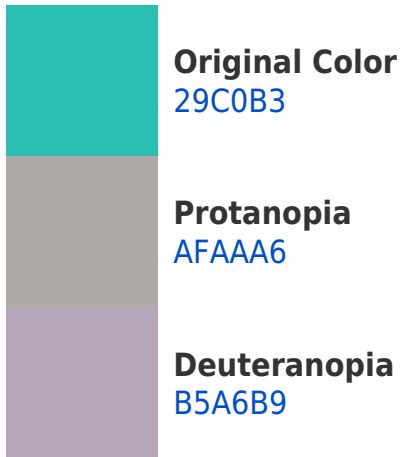


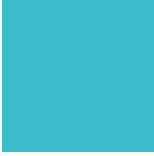
This preview shows how white text looks on a background with the Hex color 29C0B3.

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





Trichromacy



Original Color
29C0B3



Protanomaly
7EB2AB



Deuteranomaly
82AFB7



Tritanomaly
34BDC3

Monochromacy



Original Color
29C0B3



Achromatopsia
919191



Achromatomaly
6BA29D

CSS Examples

Text

The CSS property to change the color of the text to Hex 29C0B3 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 #29C0B3 looks like.

```
.text, #text, p{  
    color:#29C0B3  
}
```

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 #29C0B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29C0B3
}
```

Border

The CSS property to change the border of an element to Hex 29C0B3 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
#29C0B3 }
```

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

```
.border{ border-color:#29C0B3 }
```

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

Here you see how a box with a 4 pixel #29C0B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29C0B3; -webkit-box-shadow:4px 4px  
4px 4px #29C0B3; box-shadow:4px 4px 4px  
4px #29C0B3 }
```

Background

The CSS property to change the background color of an element to Hex 29C0B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29C0B3 }
```

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

```
.background{ background-color:#29C0B3 }
```

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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