

Converting Colors

Hex(30D9C3)

Have a look what the booklet for
Hex(30D9C3) contains.

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Color

Hex(30D9C3)

Conversions

Conversions Part 1

Format	Color
Hex	30D9C3
RGB	48, 217, 195
RGB Percent	19%, 85%, 76%
CMY	0.8118, 0.1490, 0.2353
CMYK	0.78, 0.00, 0.10, 0.15
HSL	172°, 69%, 52%
HSV	172°, 78%, 85%
XYZ	35.8821, 54.1942, 60.1991
YIQ	163.9610, -93.6620, -42.6700

Conversions

Conversions Part 2

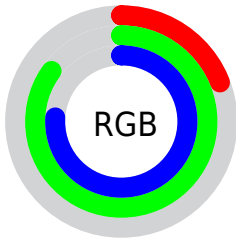
Format	Color
RYB	48, 138, 217
Decimal	3201475
CIELab	78.57, -46.28, -1.09
CIELCh	79, 46.295, 181.349
Yxy	54.1942, 0.2388, 0.3606
Android (android.graphics.Color)	4281391555 (0xFF30D9C3)
YUV	163.9610, 15.3022, -101.6978
Hunter-Lab	73.6167, -41.8252, 3.0481

Details

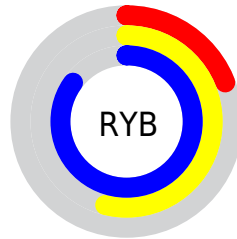
The Hex color **30D9C3** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light muted cyan. A complement of this color would be **D93046**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **7AFFFB**, and **00A18D** is the 20% darker color. If you saturate the color by 10%, you get **1AD9C0**, and if you desaturate by 10%, it is **46D9C6**.

Distribution



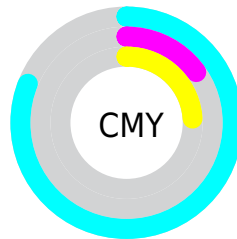
- Red (19%)
- Green (85%)
- Blue (76%)



- Red (19%)
- Yellow (54%)
- Blue (85%)



- Cyan (78%)
- Magenta (0%)
- Yellow (10%)
- Black (15%)



- Cyan (81%)
- Magenta (15%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30D9C3 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 30D9C3 by changing the saturation by 10% instead.

 30D9C3

 30D9C3

FFFFFF

 00BDA8

 7AFFFB

 00A18D

 9AFFFF

 008674

 B9FFFF

 006C5B

 D8FFFF

 005344

 F8FFFF

 003A2E

 002519

 000000

 30D9C3

 30D9C3

1AD9C0

46D9C6

05D9BD

5BD9C9

00D9BD

71D9CB

87D9CE

9DD9D1

B2D9D4

C8D9D7

DED9DA

F3D9DC

Harmonies

Analogous

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



7AD598



30D9C3



00D8EE

Triad

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



30D9C3



C9B7FF



FFB178

Complementary

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



30D9C3



D93046

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.



FFA498



30D9C3



FAA7EC

Square

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



30D9C3



83C6FF



FFA0C2



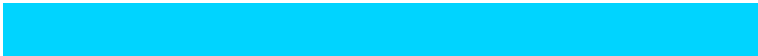
DCC16B

Rectangle

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



30D9C3



00D4FF



FFA0C2



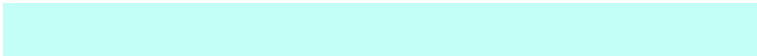
FFAC81

Sweetspot

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



30D9C3



C4FFF7



47D930



5C807B



000000



808080

Same Dimension

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



30D9C3



12FFE0



309BD9



636E6C



00AD97



002E28

Inverse Universe

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



D93046



FF1231



D96E30



6E6364



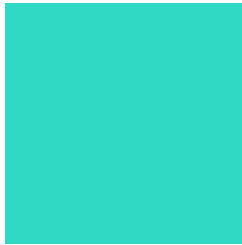
AD0017



2E0006

Previews

White Background



This preview shows how the Hex color 30D9C3 looks on a white background.

Color Contrast Check

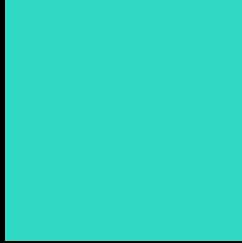
Large Text (above 18pt) WCAG AA × Fail

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 30D9C3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

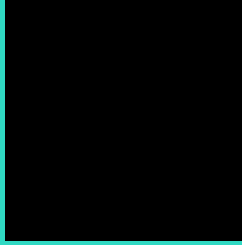
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

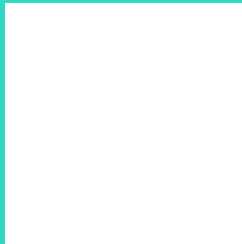
Any Text WCAG AAA ✓ Pass

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

Hex 30D9C3 Background



This preview shows how black text looks on a background with the Hex color 30D9C3.



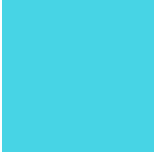
This preview shows how white text looks on a background with the Hex color 30D9C3.

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



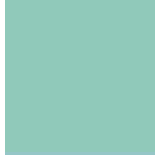


Tritanopia
47D4E5

Trichromacy



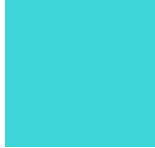
Original Color
30D9C3



Protanomaly
90C9BA



Deuteranomaly
95C6C7

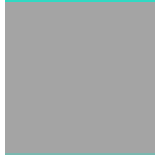


Tritanomaly
3FD6D9

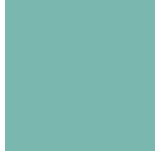
Monochromacy



Original Color
30D9C3



Achromatopsia
A4A4A4



Achromatomaly
7AB7AF

CSS Examples

Text

The CSS property to change the color of the text to Hex 30D9C3 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 #30D9C3 looks like.

```
.text, #text, p{  
    color:#30D9C3  
}
```

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 #30D9C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30D9C3
}
```

Border

The CSS property to change the border of an element to Hex 30D9C3 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
#30D9C3 }
```

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

```
.border{ border-color:#30D9C3 }
```

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

Here you see how a box with a 4 pixel #30D9C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30D9C3; -webkit-box-shadow:4px 4px  
4px 4px #30D9C3; box-shadow:4px 4px 4px  
4px #30D9C3 }
```

Background

The CSS property to change the background color of an element to Hex 30D9C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30D9C3 }
```

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

```
.background{ background-color:#30D9C3 }
```

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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