

Converting Colors

Hex(30D1B3)

Have a look what the booklet for
Hex(30D1B3) contains.

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Color

Hex(30D1B3)

Conversions

Conversions Part 1

Format	Color
Hex	30D1B3
RGB	48, 209, 179
RGB Percent	19%, 82%, 70%
CMY	0.8118, 0.1804, 0.2980
CMYK	0.77, 0.00, 0.14, 0.18
HSL	169°, 64%, 50%
HSV	169°, 77%, 82%
XYZ	32.1561, 49.4840, 50.5044
YIQ	157.4410, -86.3260, -43.4620

Conversions

Conversions Part 2

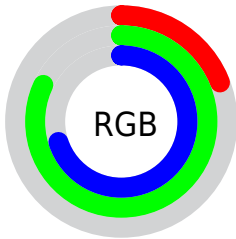
Format	Color
R _Y B	48, 137, 209
Decimal	3199411
CIE Lab	75.75, -47.08, 3.37
CIE LCh	76, 47.201, 175.900
Yxy	49.4840, 0.2433, 0.3745
Android (android.graphics.Color)	4281389491 (0xFF30D1B3)
YUV	157.4410, 10.6286, -95.9798
Hunter-Lab	70.3449, -41.5075, 6.6739

Details

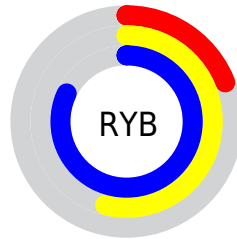
The Hex color **30D1B3** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **D1304E**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **78FFEB**, and **009A7E** is the 20% darker color. If you saturate the color by 10%, you get **1BD1AF**, and if you desaturate by 10%, it is **45D1B7**.

Distribution



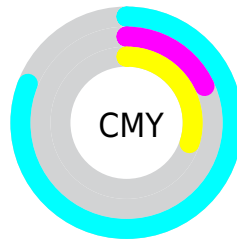
- Red (19%)
- Green (82%)
- Blue (70%)



- Red (19%)
- Yellow (54%)
- Blue (82%)



- Cyan (77%)
- Magenta (0%)
- Yellow (14%)
- Black (18%)



- Cyan (81%)
- Magenta (18%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30D1B3 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 30D1B3 by changing the saturation by 10% instead.

 30D1B3

 30D1B3

FFFFFF

 00B598

 78FFEB

 009A7E

 97FFFF

 007F65

 B6FFFF

 00654E

 D5FFFF

 004C37

 F4FFFF

 003422

 001D0C

 000000

 30D1B3

 30D1B3

1BD1AF

45D1B7

06D1AB

5AD1BB

00D1AA

6FD1BF

84D1C3

99D1C6

ADD1CA

C2D1CE

D7D1D2

ECD1D6

Harmonies

Analogous

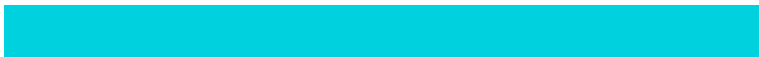
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



7BCD88



30D1B3



00D1DF

Triad

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



30D1B3



B6B2FF



FCA774

Complementary

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



30D1B3



D1304E

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.



FF9A97



30D1B3



EBA2EC

Square

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



30D1B3



68C1FF



FF98C2



DBB662

Rectangle

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



30D1B3



00CEF8



FF98C2



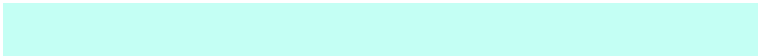
FFA27E

Sweetspot

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



30D1B3



C4FFF4



50D130



5C8079



000000



808080

Same Dimension

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



30D1B3



14FFD3



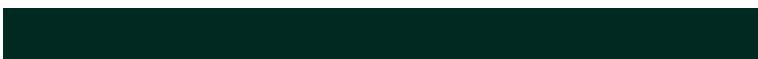
30A1D1



5E6967



00A889



002921

Inverse Universe

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



D1304E



FF1440



D16030



695E60



A8001F



290008

Previews

White Background



This preview shows how the Hex color 30D1B3 looks on a white background.

Color Contrast Check

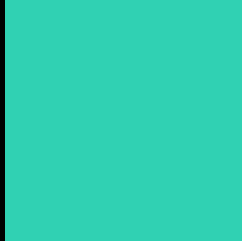
Large Text (above 18pt) WCAG AA × Fail

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 30D1B3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

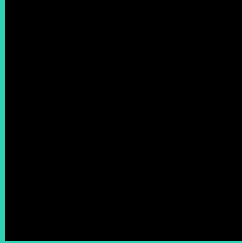
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

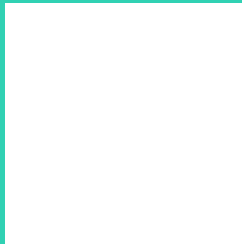
Any Text WCAG AAA ✓ Pass

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

Hex 30D1B3 Background



This preview shows how black text looks on a background with the Hex color 30D1B3.



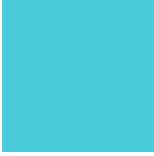
This preview shows how white text looks on a background with the Hex color 30D1B3.

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](#).

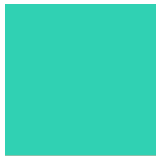
Dichromacy





Tritanopia
49CBDC

Trichromacy



Original Color
30D1B3



Protanomaly
8CC1AB



Deuteranomaly
93BEB7



Tritanomaly
40CD CD

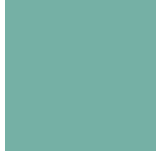
Monochromacy



Original Color
30D1B3



Achromatopsia
9D9D9D



Achromatomaly
75B0A5

CSS Examples

Text

The CSS property to change the color of the text to Hex 30D1B3 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 #30D1B3 looks like.

```
.text, #text, p{  
    color:#30D1B3  
}
```

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 #30D1B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30D1B3
}
```

Border

The CSS property to change the border of an element to Hex 30D1B3 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
#30D1B3 }
```

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

```
.border{ border-color:#30D1B3 }
```

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

Here you see how a box with a 4 pixel #30D1B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30D1B3; -webkit-box-shadow:4px 4px  
4px 4px #30D1B3; box-shadow:4px 4px 4px  
4px #30D1B3 }
```

Background

The CSS property to change the background color of an element to Hex 30D1B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30D1B3 }
```

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

```
.background{ background-color:#30D1B3 }
```

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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