

# Converting Colors

Hex(30D2A7)

Have a look what the booklet for  
Hex(30D2A7) contains.

|                                                |    |
|------------------------------------------------|----|
| <b>Hex(30D2A7)</b> .....                       | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

# Color

Hex(30D2A7)

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 30D2A7                       |
| RGB         | 48, 210, 167                 |
| RGB Percent | 19%, 82%, 65%                |
| CMY         | 0.8118, 0.1765, 0.3451       |
| CMYK        | 0.77, 0.00, 0.20, 0.18       |
| HSL         | 164°, 64%, 51%               |
| HSV         | 164°, 77%, 82%               |
| XYZ         | 31.2406, 49.5116, 44.4694    |
| YIQ         | 156.6600, -82.7490, -47.7170 |

# Conversions

## Conversions Part 2

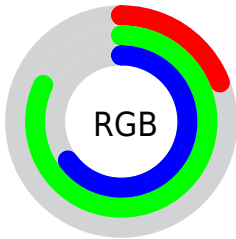
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 48, 141, 210                  |
| Decimal                             | 3199655                       |
| CIELab                              | 75.77, -50.49, 9.83           |
| CIELCh                              | 76, 51.441, 168.979           |
| Yxy                                 | 49.5116, 0.2495,<br>0.3954    |
| Android<br>(android.graphics.Color) | 4281389735<br>(0xFF30D2A7)    |
| YUV                                 | 156.6600, 5.0976,<br>-95.2948 |
| Hunter-Lab                          | 70.3645, -43.8870,<br>11.7847 |

# Details

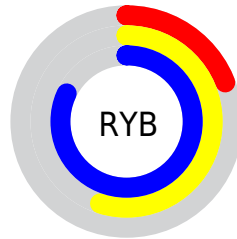
The Hex color **30D2A7** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **D2305B**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **78FFDE**, and **009A73** is the 20% darker color. If you saturate the color by 10%, you get **1BD2A1**, and if you desaturate by 10%, it is **45D2AD**.

# Distribution



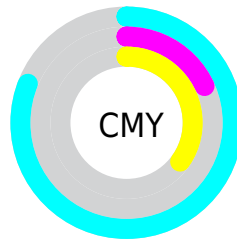
- Red (19%)
- Green (82%)
- Blue (65%)



- Red (19%)
- Yellow (55%)
- Blue (82%)



- Cyan (77%)
- Magenta (0%)
- Yellow (20%)
- Black (18%)



- Cyan (81%)
- Magenta (18%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 30D2A7 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 30D2A7 by changing the saturation by 10% instead.



 30D2A7

 30D2A7

FFFFFF

 00B68D

 78FFDE

 009A73

 97FFFB

 00805A

 B5FFFF

 006643

 D4FFFF

 004C2D

 F3FFFF

 003418

 001D00

 000000

 30D2A7

 30D2A7

■ 1BD2A1

■ 45D2AD

■ 06D29C

■ 5AD2B2

■ 00D29A

■ 6FD2B8

■ 84D2BD

■ 99D2C3

■ AED2C8

■ C3D2CE

■ D8D2D4

■ EDD2D9

# Harmonies

## Analogous

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



83CC7A



30D2A7



00D3D8

# Triad

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



30D2A7



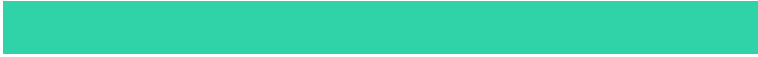
A3B5FF



FFA175

# Complementary

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



30D2A7



D2305B

# 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.



FF959E



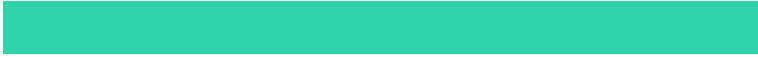
30D2A7



E4A3FA

# Square

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



30D2A7



35C5FF



FF95CE



E7B25C

# Rectangle

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



30D2A7



00D1F5



FF95CE



FF9C81

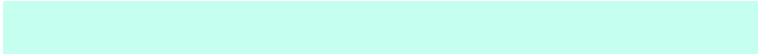


# Sweetspot

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



30D2A7



C4FFEF



5BD230



5C8076



000000



808080



# Same Dimension

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



30D2A7



12FFC0



30ACD2



5E6966



00A87C



00291E



# Inverse Universe

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



D2305B



FF1251



D25630



695E61



A8002D

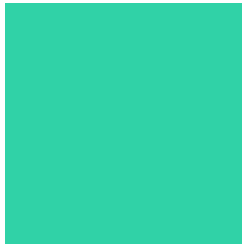


29000B



# Previews

## White Background



This preview shows how the Hex color 30D2A7 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 30D2A7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

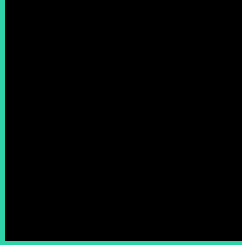
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

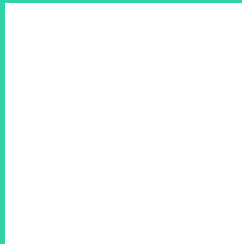
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 30D2A7 Background



This preview shows how black text looks on a background with the Hex color 30D2A7.

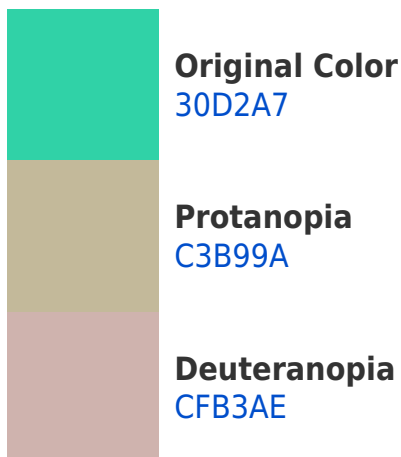


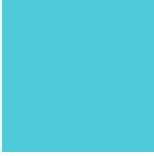
This preview shows how white text looks on a background with the Hex color 30D2A7.

# 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**  
4DCBDB

# Trichromacy



**Original Color**  
30D2A7



**Protanomaly**  
8EC29F



**Deuteranomaly**  
95BEAB



**Tritanomaly**  
42CEC8

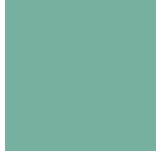
# Monochromacy



**Original Color**  
30D2A7



**Achromatopsia**  
9D9D9D



**Achromatomaly**  
75B0A1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 30D2A7 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 #30D2A7 looks like.

```
.text, #text, p{  
    color:#30D2A7  
}
```

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 #30D2A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30D2A7
}
```

## Border

The CSS property to change the border of an element to Hex 30D2A7 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
#30D2A7 }
```

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

```
.border{ border-color:#30D2A7 }
```

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

Here you see how a box with a 4 pixel #30D2A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30D2A7; -webkit-box-shadow:4px 4px  
4px 4px #30D2A7; box-shadow:4px 4px 4px  
4px #30D2A7 }
```

# Background

The CSS property to change the background color of an element to Hex 30D2A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30D2A7 }
```

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

```
.background{ background-color:#30D2A7 }
```

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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