

Converting Colors

Hex(30D186)

Have a look what the booklet for
Hex(30D186) contains.

Hex(30D186)	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(30D186)

Conversions

Conversions Part 1

Format	Color
Hex	30D186
RGB	48, 209, 134
RGB Percent	19%, 82%, 53%
CMY	0.8118, 0.1804, 0.4745
CMYK	0.77, 0.00, 0.36, 0.18
HSL	152°, 64%, 50%
HSV	152°, 77%, 82%
XYZ	28.3225, 47.9505, 30.3169
YIQ	152.3110, -71.8810, -57.4570

Conversions

Conversions Part 2

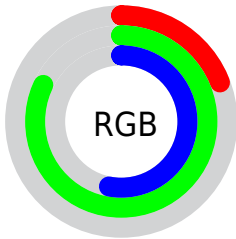
Format	Color
RYB	48, 153, 209
Decimal	3199366
CIELab	74.79, -57.39, 25.94
CIELCh	75, 62.979, 155.674
Yxy	47.9505, 0.2657, 0.4499
Android (android.graphics.Color)	4281389446 (0xFF30D186)
YUV	152.3110, -9.0273, -91.4807
Hunter-Lab	69.2463, -48.1727, 22.5145

Details

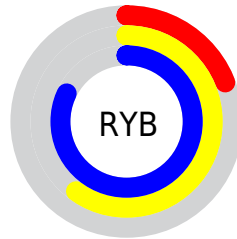
The Hex color **30D186** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle muted spring green. A complement of this color would be **D1307B**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **77FFBC**, and **009954** is the 20% darker color. If you saturate the color by 10%, you get **1BD17C**, and if you desaturate by 10%, it is **45D190**.

Distribution



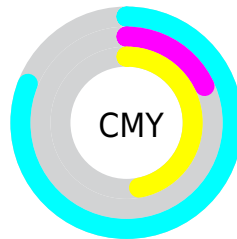
- Red (19%)
- Green (82%)
- Blue (53%)



- Red (19%)
- Yellow (60%)
- Blue (82%)



- Cyan (77%)
- Magenta (0%)
- Yellow (36%)
- Black (18%)



- Cyan (81%)
- Magenta (18%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30D186 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 30D186 by changing the saturation by 10% instead.

 30D186

 30D186

FFFFFF

 00B56C

 77FFBC

 009954

 96FFD8

 007E3C

 B4FFF4

 006425

 D2FFFF

 004B0E

 F1FFFF

 003300

 001900

 000000

 30D186

 30D186

■ 1BD17C

■ 45D190

■ 06D173

■ 5AD199

■ 00D170

■ 6FD1A3

■ 84D1AD

■ 99D1B7

■ ADD1C0

■ C2D1CA

■ D7D1D4

■ ECD1DE

Harmonies

Analogous

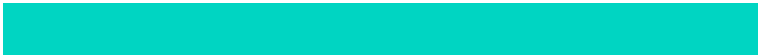
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91C854



30D186



00D5C2

Triad

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



30D186



58BBFF



FF8E78

Complementary

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



30D186



D1307B

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.



FF84AF



30D186



CAA4FF

Square

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



30D186



00CBFF



FF8DE9



FEA44C

Rectangle

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



30D186



00D4E9



FF8DE9



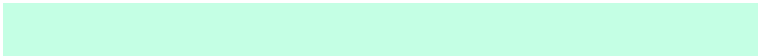
FF8989

Sweetspot

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



30D186



C4FFE4



7BD130



5C806F



000000



808080

Same Dimension

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



30D186



14FF92



30CCD1



5E6964



00A85A



002916

Inverse Universe

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



D1307B



FF1482



D13530



695E63



A8004E



290013

Previews

White Background



This preview shows how the Hex color 30D186 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 30D186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

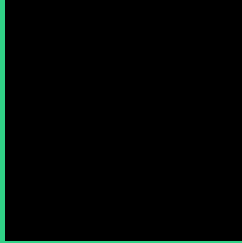
Any Text WCAG AA ✓ Pass

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 30D186 Background



This preview shows how black text looks on a background with the Hex color 30D186.

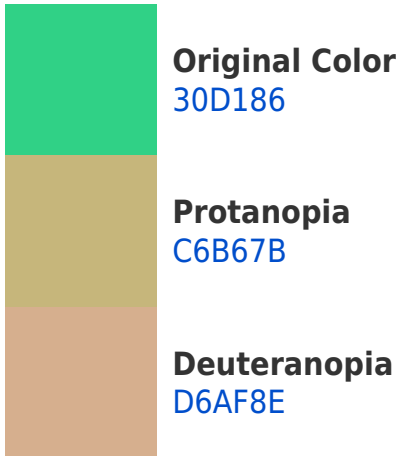


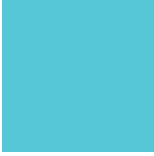
This preview shows how white text looks on a background with the Hex color 30D186.

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
56C7D7

Trichromacy



Original Color
30D186



Protanomaly
8FC07F



Deuteranomaly
9ABB8B



Tritanomaly
48CBBA

Monochromacy



Original Color
30D186



Achromatopsia
989898



Achromatomaly
72AD91

CSS Examples

Text

The CSS property to change the color of the text to Hex 30D186 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 #30D186 looks like.

```
.text, #text, p{  
    color:#30D186  
}
```

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 #30D186 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30D186
}
```

Border

The CSS property to change the border of an element to Hex 30D186 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
#30D186 }
```

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

```
.border{ border-color:#30D186 }
```

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

Here you see how a box with a 4 pixel #30D186 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30D186; -webkit-box-shadow:4px 4px  
4px 4px #30D186; box-shadow:4px 4px 4px  
4px #30D186 }
```

Background

The CSS property to change the background color of an element to Hex 30D186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30D186 }
```

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

```
.background{ background-color:#30D186 }
```

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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