

Converting Colors

Hex(2BD987)

Have a look what the booklet for
Hex(2BD987) contains.

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Color

Hex(2BD987)

Conversions

Conversions Part 1

Format	Color
Hex	2BD987
RGB	43, 217, 135
RGB Percent	17%, 85%, 53%
CMY	0.8314, 0.1490, 0.4706
CMYK	0.80, 0.00, 0.38, 0.15
HSL	152°, 70%, 51%
HSV	152°, 80%, 85%
XYZ	30.1823, 51.8886, 31.3464
YIQ	155.6260, -77.3820, -62.3900

Conversions

Conversions Part 2

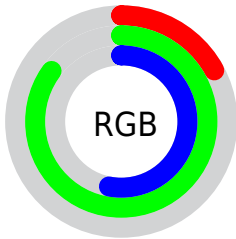
Format	Color
RYB	43, 157, 217
Decimal	2873735
CIELab	77.21, -60.66, 28.65
CIELCh	77, 67.091, 154.717
Yxy	51.8886, 0.2661, 0.4575
Android (android.graphics.Color)	4281063815 (0xFF2BD987)
YUV	155.6260, -10.1686, -98.7730
Hunter-Lab	72.0337, -51.2671, 24.6228

Details

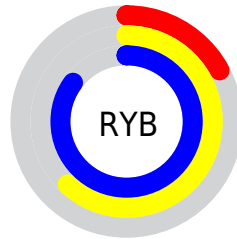
The Hex color **2BD987** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark washed spring green. A complement of this color would be **D92B7D**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **76FFBD**, and **00A154** is the 20% darker color. If you saturate the color by 10%, you get **15D97D**, and if you desaturate by 10%, it is **41D991**.

Distribution



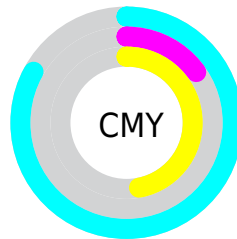
- Red (17%)
- Green (85%)
- Blue (53%)



- Red (17%)
- Yellow (62%)
- Blue (85%)



- Cyan (80%)
- Magenta (0%)
- Yellow (38%)
- Black (15%)



- Cyan (83%)
- Magenta (15%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2BD987 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 2BD987 by changing the saturation by 10% instead.

 2BD987

 2BD987

FFFFFF

 00BD6D

 76FFBD

 00A154

 95FFD9

 00863C

 B4FFF5

 006B25

 D3FFFF

 00510D

 F2FFFF

 003900

 002100

 000000

 2BD987

 2BD987

■ 15D97D

■ 41D991

■ 00D973

■ 56D99B

■ 6CD9A6

■ 82D9B0

■ 97D9BA

■ ADD9C4

■ C3D9CF

■ D9D9D9

■ EED9E3

Harmonies

Analogous

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



96CF52



2BD987



00DDC7

Triad

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



2BD987



49C2FF



FF907B

Complementary

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



2BD987



D92B7D

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.



FF85B7



2BD987



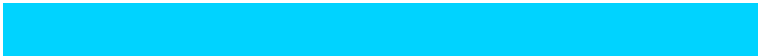
CEAAFF

Square

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



2BD987



00D3FF



FF91F5



FFA84C

Rectangle

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



2BD987



00DDF1



FF91F5



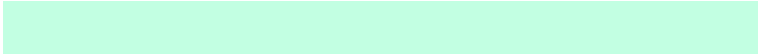
FF8B8E

Sweetspot

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



2BD987



C2FFE2



7FD92B



5B806E



000000



808080

Same Dimension

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



2BD987



0AFF8C



2BD6D9



636E68



00AD5C



002E18

Inverse Universe

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



D92B7D



FF0A7E



D92E2B



6E6368



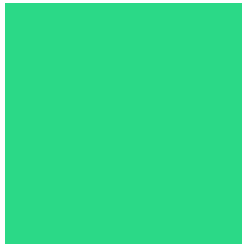
AD0052



2E0016

Previews

White Background



This preview shows how the Hex color 2BD987 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 2BD987 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 2BD987 Background



This preview shows how black text looks on a background with the Hex color 2BD987.

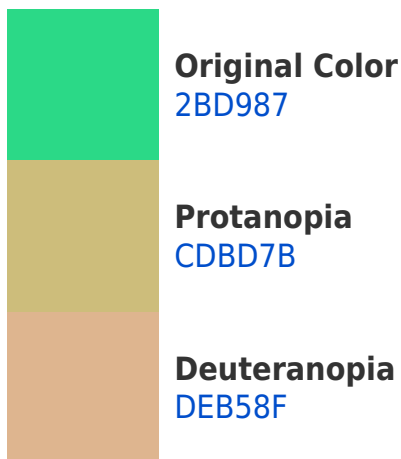


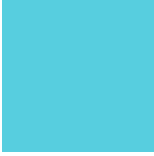
This preview shows how white text looks on a background with the Hex color 2BD987.

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
57CEDF

Trichromacy



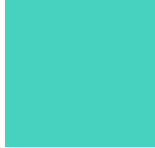
Original Color
2BD987



Protanomaly
92C77F



Deuteranomaly
9DC28C



Tritanomaly
47D2BF

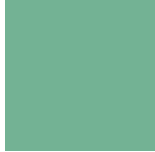
Monochromacy



Original Color
2BD987



Achromatopsia
9C9C9C



Achromatomaly
73B294

CSS Examples

Text

The CSS property to change the color of the text to Hex 2BD987 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 #2BD987 looks like.

```
.text, #text, p{  
    color:#2BD987  
}
```

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 #2BD987 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2BD987
}
```

Border

The CSS property to change the border of an element to Hex 2BD987 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
#2BD987 }
```

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

```
.border{ border-color:#2BD987 }
```

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

Here you see how a box with a 4 pixel #2BD987 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2BD987; -webkit-box-shadow:4px 4px  
4px 4px #2BD987; box-shadow:4px 4px 4px  
4px #2BD987 }
```

Background

The CSS property to change the background color of an element to Hex 2BD987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2BD987 }
```

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

```
.background{ background-color:#2BD987 }
```

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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