

Converting Colors

Hex(2BD983)

Have a look what the booklet for
Hex(2BD983) contains.

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Color

Hex(2BD983)

Conversions

Conversions Part 1

Format	Color
Hex	2BD983
RGB	43, 217, 131
RGB Percent	17%, 85%, 51%
CMY	0.8314, 0.1490, 0.4863
CMYK	0.80, 0.00, 0.40, 0.15
HSL	150°, 70%, 51%
HSV	150°, 80%, 85%
XYZ	29.9058, 51.7780, 29.8907
YIQ	155.1700, -76.0980, -63.6340

Conversions

Conversions Part 2

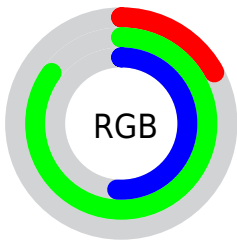
Format	Color
RYB	43, 159, 217
Decimal	2873731
CIELab	77.15, -61.42, 30.62
CIELCh	77, 68.631, 153.506
Yxy	51.7780, 0.2680, 0.4641
Android (android.graphics.Color)	4281063811 (0xFF2BD983)
YUV	155.1700, -11.9158, -98.3731
Hunter-Lab	71.9569, -51.7387, 25.7410

Details

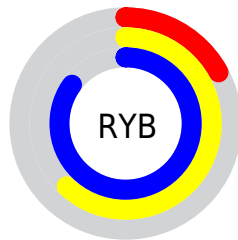
The Hex color **2BD983** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark washed spring green. A complement of this color would be **D92B81**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **76FFB9**, and **00A150** is the 20% darker color. If you saturate the color by 10%, you get **15D978**, and if you desaturate by 10%, it is **41D98E**.

Distribution



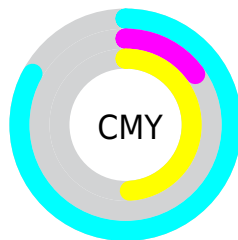
- Red (17%)
- Green (85%)
- Blue (51%)



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



- Cyan (80%)
- Magenta (0%)
- Yellow (40%)
- Black (15%)



- Cyan (83%)
- Magenta (15%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2BD983 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 2BD983 by changing the saturation by 10% instead.

 2BD983

 2BD983

FFFFFF

 00BD69

 76FFB9

 00A150

 95FFD5

 008538

 B4FFF1

 006B21

 D3FFFF

 005108

 F2FFFF

 003900

 002100

 000000

 2BD983

 2BD983

 15D978

 41D98E

 00D96E

 56D998

 6CD9A3

 82D9AE

 97D9B9

 ADD9C3

 C3D9CE

 D9D9D9

 EED9E4

Harmonies

Analogous

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



98CF4D



2BD983



00DDC4

Triad

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



2BD983



33C3FF



FF8E7C

Complementary

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



2BD983



D92B81

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.



FF83BA



2BD983



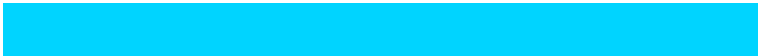
CAABFF

Square

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



2BD983



00D4FF



FF90F8



FFA64A

Rectangle

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



2BD983



00DDEF



FF90F8



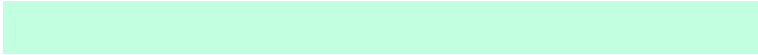
FF8890

Sweetspot

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



2BD983



C2FFE1



82D92B



5B806D



000000



808080

Same Dimension

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



2BD983



0AFF86



2BD9D9



636E68



00AD58



002E17

Inverse Universe

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



D92B81



FF0A83



D92B2B



6E6368



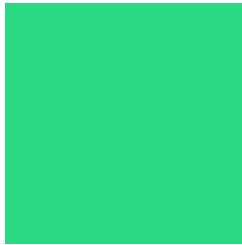
AD0056



2E0017

Previews

White Background



This preview shows how the Hex color 2BD983 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 2BD983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

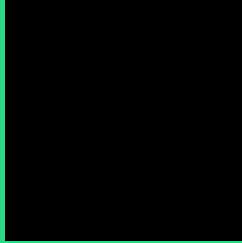
Any Text WCAG AA ✓ Pass

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 2BD983 Background



This preview shows how black text looks on a background with the Hex color 2BD983.

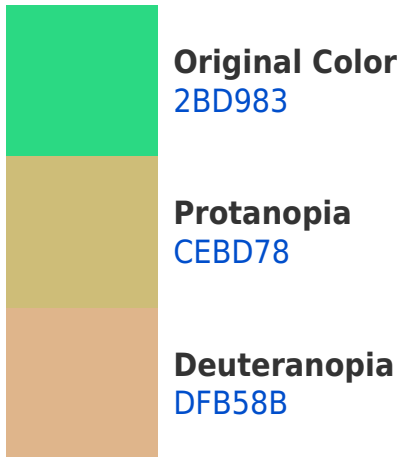


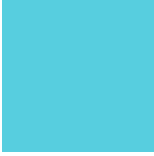
This preview shows how white text looks on a background with the Hex color 2BD983.

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



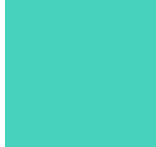
Original Color
2BD983



Protanomaly
93C77C



Deuteranomaly
9EC288



Tritanomaly
47D2BE

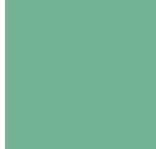
Monochromacy



Original Color
2BD983



Achromatopsia
9B9B9B



Achromatomaly
72B292

CSS Examples

Text

The CSS property to change the color of the text to Hex 2BD983 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 #2BD983 looks like.

```
.text, #text, p{  
    color:#2BD983  
}
```

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 #2BD983 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2BD983
}
```

Border

The CSS property to change the border of an element to Hex 2BD983 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
#2BD983 }
```

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

```
.border{ border-color:#2BD983 }
```

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

Here you see how a box with a 4 pixel #2BD983 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2BD983; -webkit-box-shadow:4px 4px  
4px 4px #2BD983; box-shadow:4px 4px 4px  
4px #2BD983 }
```

Background

The CSS property to change the background color of an element to Hex 2BD983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2BD983 }
```

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

```
.background{ background-color:#2BD983 }
```

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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