

Converting Colors

Hex(2BD5B6)

Have a look what the booklet for
Hex(2BD5B6) contains.

Hex(2BD5B6)	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(2BD5B6)

Conversions

Conversions Part 1

Format	Color
Hex	2BD5B6
RGB	43, 213, 182
RGB Percent	17%, 84%, 71%
CMY	0.8314, 0.1647, 0.2863
CMYK	0.80, 0.00, 0.15, 0.16
HSL	169°, 67%, 50%
HSV	169°, 80%, 84%
XYZ	33.2340, 51.4795, 52.4409
YIQ	158.6360, -91.3690, -45.6810

Conversions

Conversions Part 2

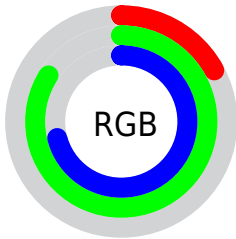
Format	Color
RYB	43, 137, 213
Decimal	2872758
CIELab	76.97, -48.48, 3.52
CIELCh	77, 48.604, 175.848
Yxy	51.4795, 0.2423, 0.3753
Android (android.graphics.Color)	4281062838 (0xFF2BD5B6)
YUV	158.6360, 11.5185, -101.4128
Hunter-Lab	71.7492, -42.8805, 6.8899

Details

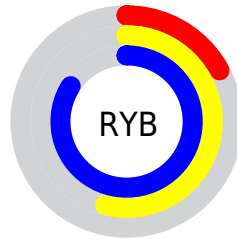
The Hex color **2BD5B6** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle washed spring green. A complement of this color would be **D52B4A**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **76FFEE**, and **009D81** is the 20% darker color. If you saturate the color by 10%, you get **16D5B2**, and if you desaturate by 10%, it is **40D5BA**.

Distribution



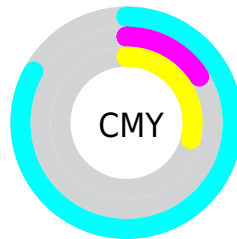
- Red (17%)
- Green (84%)
- Blue (71%)



- Red (17%)
- Yellow (54%)
- Blue (84%)



- Cyan (80%)
- Magenta (0%)
- Yellow (15%)
- Black (16%)



- Cyan (83%)
- Magenta (16%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2BD5B6 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 2BD5B6 by changing the saturation by 10% instead.

 2BD5B6

 2BD5B6

FFFFFF

 00B99B

 76FFEE

 009D81

 96FFFF

 008268

 B5FFFF

 006850

 D4FFFF

 004F39

 F3FFFF

 003724

 00200F

 000000

 2BD5B6

 2BD5B6

■ 16D5B2

■ 40D5BA

■ 00D5AE

■ 56D5BE

■ 6BD5C2

■ 80D5C6

■ 95D5C9

■ ABD5CD

■ C0D5D1

■ D5D5D5

■ EBD5D9

Harmonies

Analogous

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



7DD08A



2BD5B6



00D5E4

Triad

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



2BD5B6



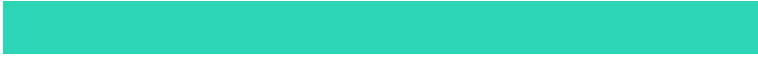
B9B5FF



FFA975

Complementary

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



2BD5B6



D52B4A

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.



FF9C99



2BD5B6



F0A4F1

Square

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



2BD5B6



67C5FF



FF9AC6



DFB963

Rectangle

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



2BD5B6



00D2FD



FF9AC6



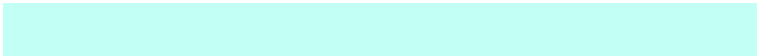
FFA47F

Sweetspot

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



2BD5B6



C2FFF4



4AD52B



5B8079



000000



808080

Same Dimension

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



2BD5B6



0AFFD2



2B9FD5



606B69



00AB8C



002B23

Inverse Universe

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



D52B4A



FF0A37



D5612B



6B6062



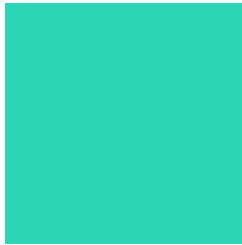
AB001F



2B0008

Previews

White Background



This preview shows how the Hex color 2BD5B6 looks on a white background.

Color Contrast Check

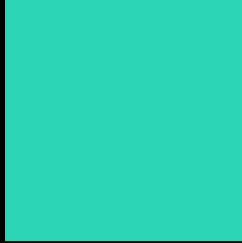
Large Text (above 18pt) WCAG AA × Fail

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 2BD5B6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

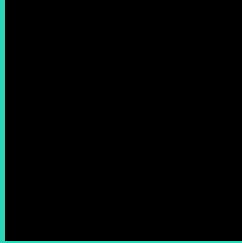
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

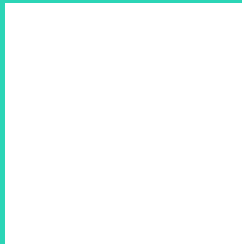
Any Text WCAG AAA ✓ Pass

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

Hex 2BD5B6 Background



This preview shows how black text looks on a background with the Hex color 2BD5B6.



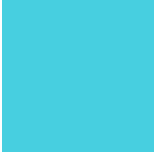
This preview shows how white text looks on a background with the Hex color 2BD5B6.

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



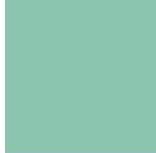


Tritanopia
47CFE0

Trichromacy



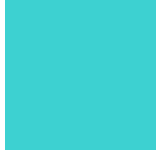
Original Color
2BD5B6



Protanomaly
8CC5AD

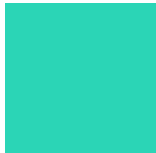


Deuteranomaly
93C1BA

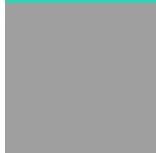


Tritanomaly
3DD1D1

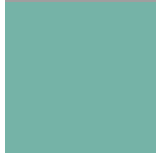
Monochromacy



Original Color
2BD5B6



Achromatopsia
9F9F9F



Achromatomaly
75B3A7

CSS Examples

Text

The CSS property to change the color of the text to Hex 2BD5B6 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 #2BD5B6 looks like.

```
.text, #text, p{  
    color:#2BD5B6  
}
```

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 #2BD5B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2BD5B6
}
```

Border

The CSS property to change the border of an element to Hex 2BD5B6 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
#2BD5B6 }
```

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

```
.border{ border-color:#2BD5B6 }
```

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

Here you see how a box with a 4 pixel #2BD5B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2BD5B6; -webkit-box-shadow:4px 4px  
4px 4px #2BD5B6; box-shadow:4px 4px 4px  
4px #2BD5B6 }
```

Background

The CSS property to change the background color of an element to Hex 2BD5B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2BD5B6 }
```

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

```
.background{ background-color:#2BD5B6 }
```

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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