

Converting Colors

Hex(26BD8A)

Have a look what the booklet for
Hex(26BD8A) contains.

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Color

Hex(26BD8A)

Conversions

Conversions Part 1

Format	Color
Hex	26BD8A
RGB	38, 189, 138
RGB Percent	15%, 74%, 54%
CMY	0.8510, 0.2588, 0.4588
CMYK	0.80, 0.00, 0.27, 0.26
HSL	160°, 67%, 45%
HSV	160°, 80%, 74%
XYZ	23.5844, 38.6422, 30.2604
YIQ	138.0370, -73.6250, -47.8730

Conversions

Conversions Part 2

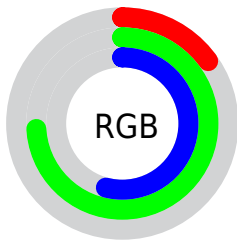
Format	Color
RYB	38, 129, 189
Decimal	2538890
CIELab	68.49, -49.99, 15.16
CIELCh	68, 52.239, 163.133
Yxy	38.6422, 0.2550, 0.4178
Android (android.graphics.Color)	4280728970 (0xFF26BD8A)
YUV	138.0370, -0.0182, -87.7324
Hunter-Lab	62.1629, -41.0628, 14.6521

Details

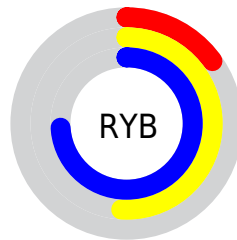
The Hex color **26BD8A** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **BD2659**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **6DF6C0**, and **008658** is the 20% darker color. If you saturate the color by 10%, you get **13BD84**, and if you desaturate by 10%, it is **39BD90**.

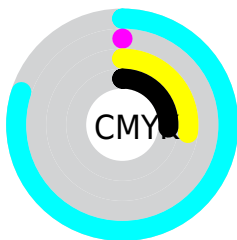
Distribution



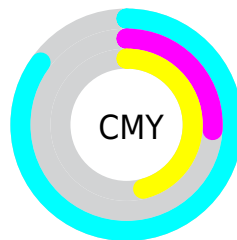
- Red (15%)
- Green (74%)
- Blue (54%)



- Red (15%)
- Yellow (51%)
- Blue (74%)



- Cyan (80%)
- Magenta (0%)
- Yellow (27%)
- Black (26%)



- Cyan (85%)
- Magenta (26%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 26BD8A 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 26BD8A by changing the saturation by 10% instead.

 26BD8A

 26BD8A

FFFFFF

 00A170

 6DF6C0

 008658

 8CFFDB

 006C40

 AAFF8

 00532A

 C8FFF

 003A15

 E6FFF

 002400

 000000

 26BD8A

 26BD8A

 13BD84

 39BD90

00BD7D

4CBD97

5FBD9D

72BDA4

84BDAA

97BDB0

AABDB7

BDBDBD

D0BDC3

Harmonies

Analogous

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



7AB75F



26BD8A



00BFBB

Triad

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



26BD8A



7CA5FF



F68A69

Complementary

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



26BD8A



BD2659

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.



FF7F94



26BD8A



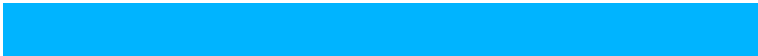
C592EC

Square

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



26BD8A



00B4FF



F082C4



D99B4B

Rectangle

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



26BD8A



00BED9



F082C4



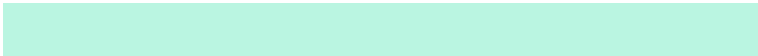
FC8576

Sweetspot

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



26BD8A



BAF5E1



5BBD26



577A6E



FAFAFA



7A7A7A

Same Dimension

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



26BD8A



0AF5A5



26A6BD



555E5B



009E69



001F14

Inverse Universe

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



BD2659



F50A59



BD3D26



5E5558



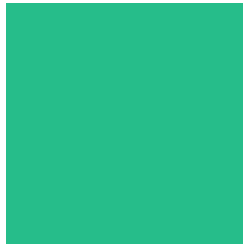
9E0035



1F000A

Previews

White Background



This preview shows how the Hex color 26BD8A 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 26BD8A looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

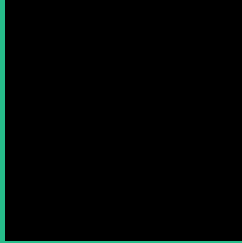
Any Text WCAG AA ✓ Pass

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 26BD8A Background



This preview shows how black text looks on a background with the Hex color 26BD8A.

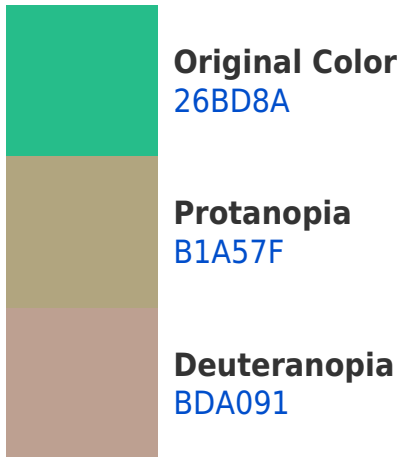


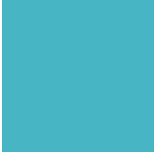
This preview shows how white text looks on a background with the Hex color 26BD8A.

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](#).

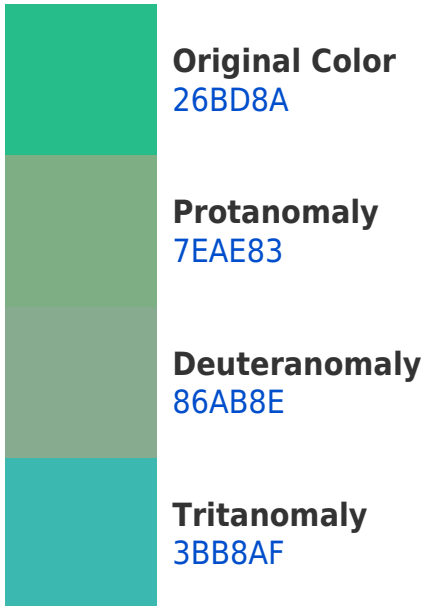
Dichromacy



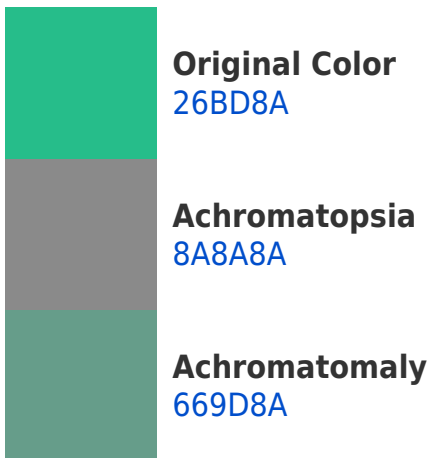


Tritanopia
47B5C4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 26BD8A 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 #26BD8A looks like.

```
.text, #text, p{  
    color:#26BD8A  
}
```

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 #26BD8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #26BD8A
}
```

Border

The CSS property to change the border of an element to Hex 26BD8A 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
#26BD8A }
```

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

```
.border{ border-color:#26BD8A }
```

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

Here you see how a box with a 4 pixel #26BD8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #26BD8A; -webkit-box-shadow:4px 4px  
4px 4px #26BD8A; box-shadow:4px 4px 4px  
4px #26BD8A }
```

Background

The CSS property to change the background color of an element to Hex 26BD8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#26BD8A }
```

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

```
.background{ background-color:#26BD8A }
```

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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