

Converting Colors

Hex(26B9A3)

Have a look what the booklet for
Hex(26B9A3) contains.

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Color

Hex(26B9A3)

Conversions

Conversions Part 1

Format	Color
Hex	26B9A3
RGB	38, 185, 163
RGB Percent	15%, 73%, 64%
CMY	0.8510, 0.2745, 0.3608
CMYK	0.79, 0.00, 0.12, 0.27
HSL	171°, 66%, 44%
HSV	171°, 79%, 73%
XYZ	24.7591, 37.7543, 40.6327
YIQ	138.5390, -80.5500, -38.0060

Conversions

Conversions Part 2

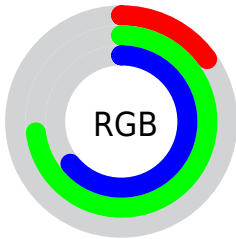
Format	Color
RYB	38, 117, 185
Decimal	2537891
CIELab	67.84, -42.05, 0.56
CIElCh	68, 42.052, 179.238
Yxy	37.7543, 0.2400, 0.3660
Android (android.graphics.Color)	4280727971 (0xFF26B9A3)
YUV	138.5390, 12.0593, -88.1727
Hunter-Lab	61.4446, -35.6012, 3.8033

Details

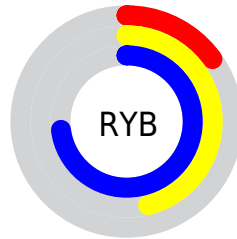
The Hex color **26B9A3** is a dark color, and the websafe version is hex **00CCCC**. A complement of this color would be **B9263C**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **6EF2DA**, and **00836F** is the 20% darker color. If you saturate the color by 10%, you get **14B9A0**, and if you desaturate by 10%, it is **39B9A6**.

Distribution



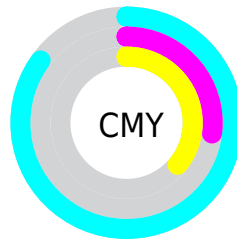
- Red (15%)
- Green (73%)
- Blue (64%)



- Red (15%)
- Yellow (46%)
- Blue (73%)



- Cyan (79%)
- Magenta (0%)
- Yellow (12%)
- Black (27%)



- Cyan (85%)
- Magenta (27%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 26B9A3 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 26B9A3 by changing the saturation by 10% instead.

 26B9A3

 26B9A3


FFFFFF

 009E89

 6EF2DA

 00836F

 8CFFF6

 006957

 AAFFFF

 005040

 C9FFFF

 00382A

 E7FFFF

 002316

 000000

 26B9A3

 26B9A3

 14B9A0

 39B9A6

01B99D

4BB9A9

00B99D

5EB9AB

70B9AE

83B9B1

95B9B4

A8B9B6

BAB9B9

CDB9BC

Harmonies

Analogous

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



69B67D



26B9A3



00B8C9

Triad

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



26B9A3



A79CE8



DC9565

Complementary

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



26B9A3



B9263C

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.



ED8A82



26B9A3



D48ECD

Square

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



26B9A3



67A9F1



EB87A8



BEA358

Rectangle

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



26B9A3



00B5DE



EB87A8



E3916D

Sweetspot

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



26B9A3



B6F0E7



3CB926



557873



F7F7F7



787878

Same Dimension

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



26B9A3



0CF0CE



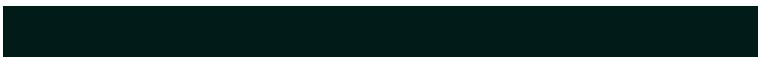
2686B9



535C5A



009C84



001C18

Inverse Universe

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



B9263C



F00C2E



B95926



5C5354



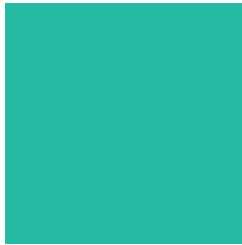
9C0017



1C0004

Previews

White Background



This preview shows how the Hex color 26B9A3 looks on a white background.

Color Contrast Check

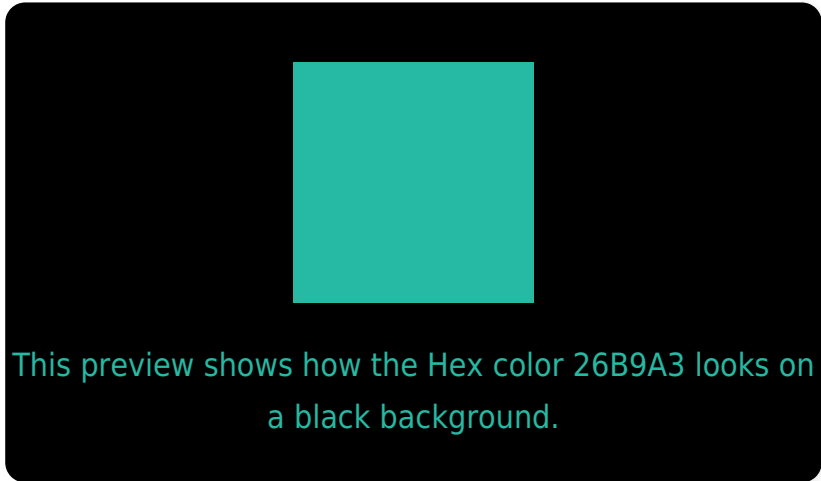
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

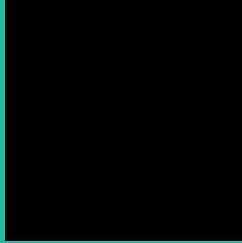
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

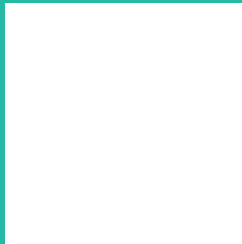
Any Text WCAG AAA ✓ Pass

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

Hex 26B9A3 Background



This preview shows how black text looks on a background with the Hex color 26B9A3.

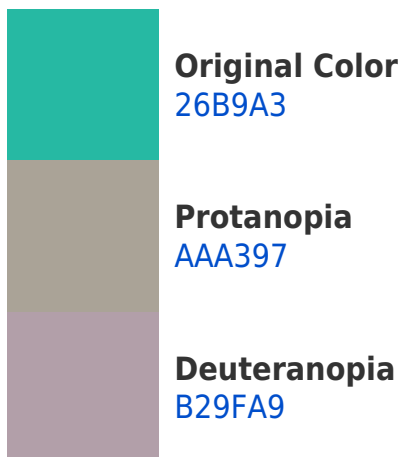


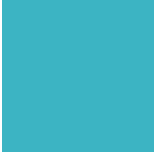
This preview shows how white text looks on a background with the Hex color 26B9A3.

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
3CB4C3

Trichromacy



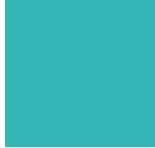
Original Color
26B9A3



Protanomaly
7AAB9B



Deuteranomaly
7FA8A7



Tritanomaly
34B6B7

Monochromacy



Original Color
26B9A3



Achromatopsia
8B8B8B



Achromatomaly
669C94

CSS Examples

Text

The CSS property to change the color of the text to Hex 26B9A3 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 #26B9A3 looks like.

```
.text, #text, p{  
    color:#26B9A3  
}
```

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 #26B9A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #26B9A3
}
```

Border

The CSS property to change the border of an element to Hex 26B9A3 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
#26B9A3 }
```

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

```
.border{ border-color:#26B9A3 }
```

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

Here you see how a box with a 4 pixel #26B9A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #26B9A3; -webkit-box-shadow:4px 4px  
4px 4px #26B9A3; box-shadow:4px 4px 4px  
4px #26B9A3 }
```

Background

The CSS property to change the background color of an element to Hex 26B9A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#26B9A3 }
```

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

```
.background{ background-color:#26B9A3 }
```

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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