

Converting Colors

Hex(26A78B)

Have a look what the booklet for
Hex(26A78B) contains.

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Color

Hex(26A78B)

Conversions

Conversions Part 1

Format	Color
Hex	26A78B
RGB	38, 167, 139
RGB Percent	15%, 65%, 55%
CMY	0.8510, 0.3451, 0.4549
CMYK	0.77, 0.00, 0.17, 0.35
HSL	167°, 63%, 40%
HSV	167°, 77%, 65%
XYZ	19.2782, 29.9136, 29.1839
YIQ	125.2370, -67.8960, -36.0560

Conversions

Conversions Part 2

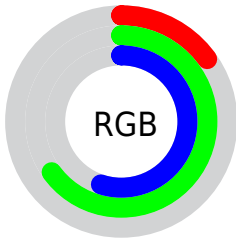
Format	Color
RYB	38, 110, 167
Decimal	2533259
CIELab	61.58, -40.62, 4.81
CIElCh	62, 40.904, 173.251
Yxy	29.9136, 0.2460, 0.3817
Android (android.graphics.Color)	4280723339 (0xFF26A78B)
YUV	125.2370, 6.7852, -76.5068
Hunter-Lab	54.6933, -32.7958, 6.6486

Details

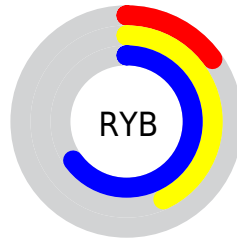
The Hex color **26A78B** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A72642**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **69DFC0**, and **007259** is the 20% darker color. If you saturate the color by 10%, you get **15A787**, and if you desaturate by 10%, it is **37A78F**.

Distribution



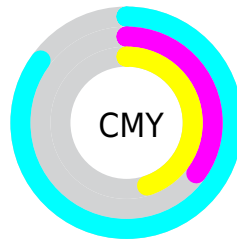
- Red (15%)
- Green (65%)
- Blue (55%)



- Red (15%)
- Yellow (43%)
- Blue (65%)



- Cyan (77%)
- Magenta (0%)
- Yellow (17%)
- Black (35%)



- Cyan (85%)
- Magenta (35%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 26A78B 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 26A78B by changing the saturation by 10% instead.



26A78B



26A78B

FFFFFF



008C72



69DFC0



007259



86FCDC



005942



A4FFF9



00402C



C1FFFF



002A17



DFFFFFF



000B00

FDFFFF



000000



26A78B



26A78B



15A787



37A78F

■ 05A784

■ 47A792

■ 00A783

■ 58A796

■ 69A799

■ 79A79D

■ 8AA7A1

■ 9BA7A4

■ ACA7A8

■ BCA7AC

Harmonies

Analogous

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



64A368



26A78B



00A7B0

Triad

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



26A78B



8B8ED7



CD835C

Complementary

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



26A78B



A72642

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.



DA797A



26A78B



BA81C0

Square

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



26A78B



479BDC



D4789E



B2904C

Rectangle

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



26A78B



00A5C5



D4789E



D37F65

Sweetspot

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



26A78B



A7D9CE



44A726



4F6E67



EDEDED



6E6E6E

Same Dimension

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



26A78B



0FD9AD



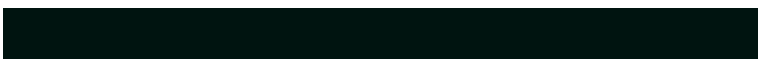
2685A7



4C5452



009474



001410

Inverse Universe

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



A72642



D90F3B



A74826



544C4E



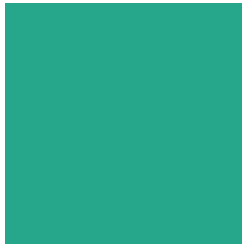
940020



140004

Previews

White Background



This preview shows how the Hex color 26A78B looks on a white background.

Color Contrast Check

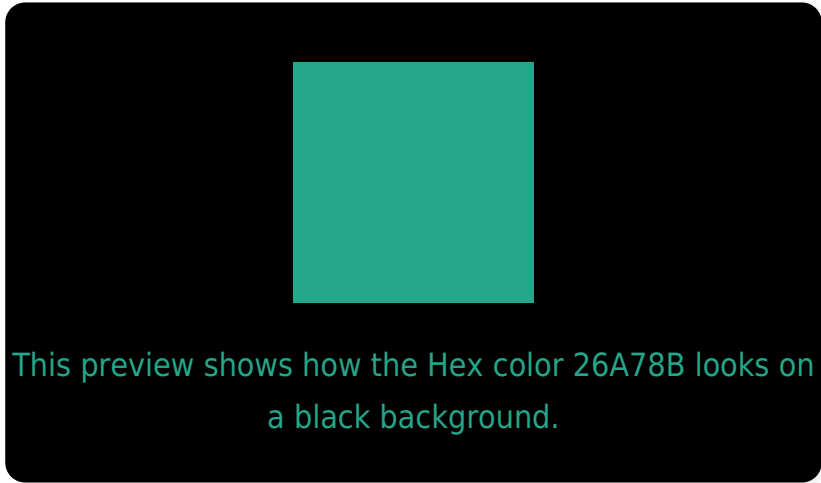
Large Text (above 18pt) WCAG AA ✓ Pass

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

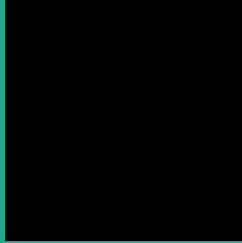
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 26A78B Background



This preview shows how black text looks on a background with the Hex color 26A78B.

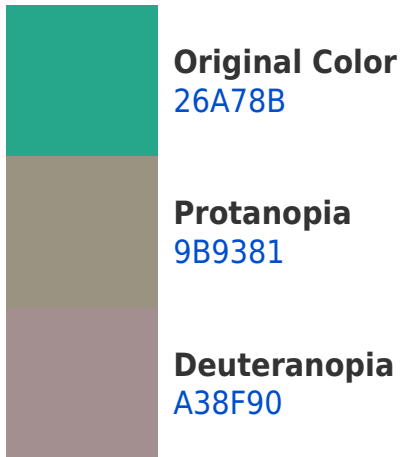


This preview shows how white text looks on a background with the Hex color 26A78B.

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
3BA2AF

Trichromacy



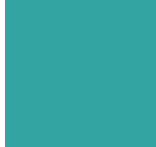
Original Color
26A78B



Protanomaly
709A85



Deuteranomaly
76988E



Tritanomaly
33A4A2

Monochromacy



Original Color
26A78B



Achromatopsia
7D7D7D



Achromatomaly
5D8C82

CSS Examples

Text

The CSS property to change the color of the text to Hex 26A78B 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 #26A78B looks like.

```
.text, #text, p{  
    color:#26A78B  
}
```

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 #26A78B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #26A78B
}
```

Border

The CSS property to change the border of an element to Hex 26A78B 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
#26A78B }
```

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

```
.border{ border-color:#26A78B }
```

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

Here you see how a box with a 4 pixel #26A78B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #26A78B; -webkit-box-shadow:4px 4px  
4px 4px #26A78B; box-shadow:4px 4px 4px  
4px #26A78B }
```

Background

The CSS property to change the background color of an element to Hex 26A78B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#26A78B }
```

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

```
.background{ background-color:#26A78B }
```

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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