

Converting Colors

Hex(26AE8F)

Have a look what the booklet for
Hex(26AE8F) contains.

| | |
|--|----|
| Hex(26AE8F) | 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(26AE8F)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 26AE8F |
| RGB | 38, 174, 143 |
| RGB Percent | 15%, 68%, 56% |
| CMY | 0.8510, 0.3176, 0.4392 |
| CMYK | 0.78, 0.00, 0.18, 0.32 |
| HSL | 166°, 64%, 42% |
| HSV | 166°, 78%, 68% |
| XYZ | 20.8933, 32.6673, 31.1908 |
| YIQ | 129.8020, -71.1050, -38.4730 |

Conversions

Conversions Part 2

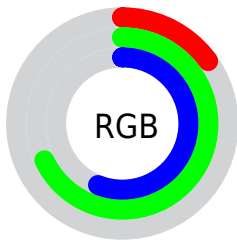
| Format | Color |
|-------------------------------------|--|
| RYB | 38, 115, 174 |
| Decimal | 2535055 |
| CIELab | 63.89, -42.60, 5.90 |
| CIELCh | 64, 43.004, 172.113 |
| Yxy | 32.6673, 0.2465, 0.3854 |
| Android (android.graphics.Color) | 4280725135 (0xFF26AE8F) |
| YUV | 129.8020, 6.5066, -80.5104 |
| Hunter-Lab | 57.1554, -34.7707, 7.6530 |

Details

The Hex color **26AE8F** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **AE2645**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **6AE6C5**, and **00795D** is the 20% darker color. If you saturate the color by 10%, you get **15AE8B**, and if you desaturate by 10%, it is **37AE93**.

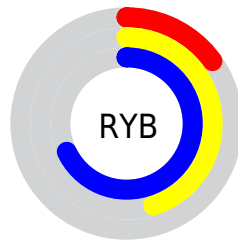
Distribution



Red (15%)

Green (68%)

Blue (56%)



Red (15%)

Yellow (45%)

Blue (68%)

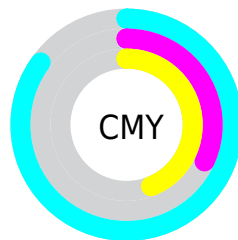


Cyan (78%)

Magenta (0%)

Yellow (18%)

Black (32%)



Cyan (85%)

Magenta (32%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 26AE8F 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 26AE8F by changing the saturation by 10% instead.

 26AE8F

 26AE8F

FFFFFF

 009375

 6AE6C5

 00795D

 88FFE1

 005F45

 A6FFFD

 00462F

 C3FFFF

 002F1A

 E1FFFF

 001600

 000000

 26AE8F

 26AE8F

 15AE8B

 37AE93

 03AE87

 49AE97

 00AE86

 5AAE9B

 6CAE9F

 7DAEA3

 8EAEA7

 A0AEAB

 B1AEAF

 C3AEB3

Harmonies

Analogous

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



69AA6A



26AE8F



00AEB6

Triad

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



26AE8F



8F95E2



D78760

Complementary

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



26AE8F



AE2645

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.



E47D80



26AE8F



C186CA

Square

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



26AE8F



42A2E6



DD7CA7



BB954E

Rectangle

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



26AE8F



00ACCD



DD7CA7



DD8369

Sweetspot

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



26AE8F



AFE3D7



46AE26



53736B



F2F2F2



737373

Same Dimension

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



26AE8F



0EE3B2



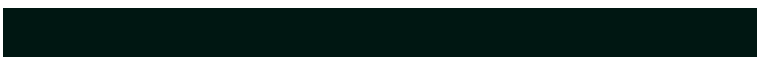
268AAE



4E5755



009674



001712

Inverse Universe

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



AE2645



E30E3E



AE4A26



574E50



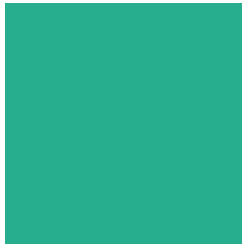
960022



170005

Previews

White Background



This preview shows how the Hex color 26AE8F looks on a white background.

Color Contrast Check

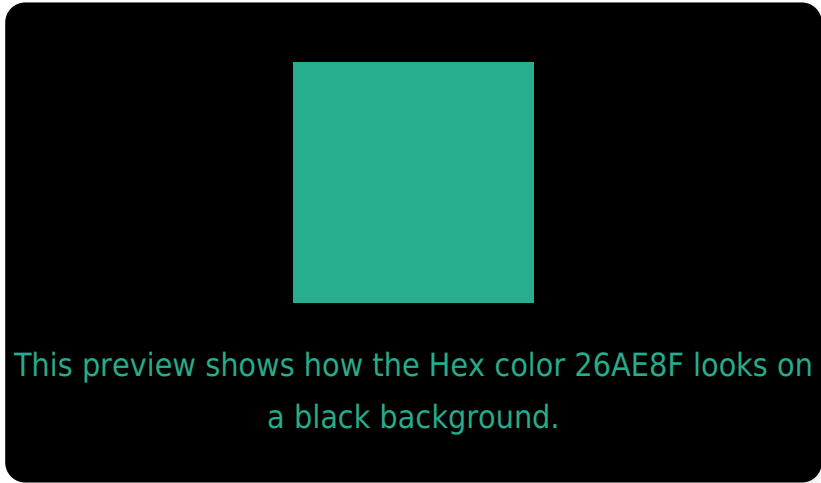
Large Text (above 18pt) WCAG AA × Fail

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

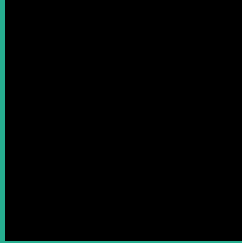
Any Text WCAG AA ✓ Pass

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 26AE8F Background



This preview shows how black text looks on a background with the Hex color 26AE8F.

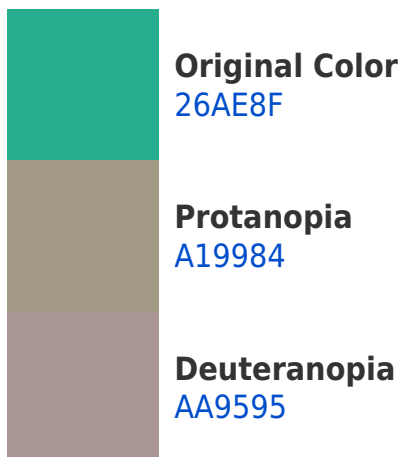


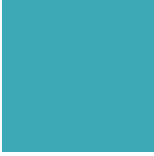
This preview shows how white text looks on a background with the Hex color 26AE8F.

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](#).

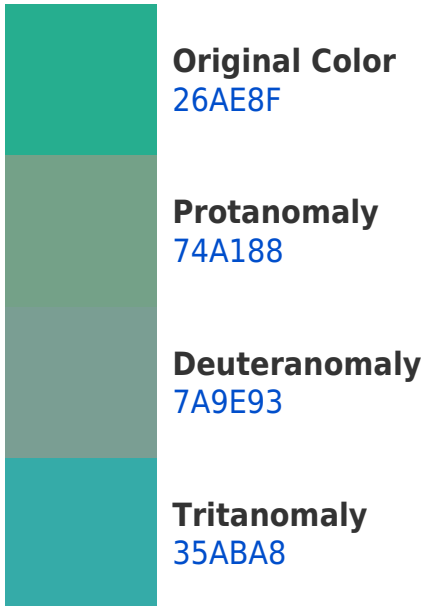
Dichromacy



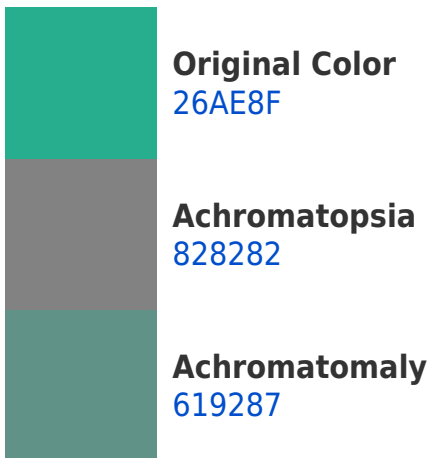


Tritanopia
3EA9B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 26AE8F 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 #26AE8F looks like.

```
.text, #text, p{  
    color:#26AE8F  
}
```

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 #26AE8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #26AE8F
}
```

Border

The CSS property to change the border of an element to Hex 26AE8F 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
#26AE8F }
```

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

```
.border{ border-color:#26AE8F }
```

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

Here you see how a box with a 4 pixel #26AE8F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #26AE8F; -webkit-box-shadow:4px 4px  
4px 4px #26AE8F; box-shadow:4px 4px 4px  
4px #26AE8F }
```

Background

The CSS property to change the background color of an element to Hex 26AE8F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#26AE8F }
```

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

```
.background{ background-color:#26AE8F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor