

Converting Colors

Hex(26A39A)

Have a look what the booklet for
Hex(26A39A) contains.

Hex(26A39A)	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(26A39A)

Conversions

Conversions Part 1

Format	Color
Hex	26A39A
RGB	38, 163, 154
RGB Percent	15%, 64%, 60%
CMY	0.8510, 0.3608, 0.3961
CMYK	0.77, 0.00, 0.06, 0.36
HSL	176°, 62%, 39%
HSV	176°, 77%, 64%
XYZ	19.7293, 28.9395, 35.1179
YIQ	124.5990, -71.6110, -29.2990

Conversions

Conversions Part 2

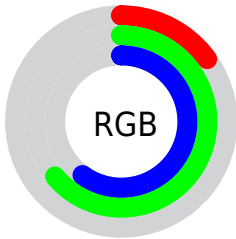
Format	Color
RYB	38, 103, 163
Decimal	2532250
CIELab	60.73, -34.68, -4.87
CIElCh	61, 35.018, 187.990
Yxy	28.9395, 0.2355, 0.3454
Android (android.graphics.Color)	4280722330 (0xFF26A39A)
YUV	124.5990, 14.4947, -75.9473
Hunter-Lab	53.7955, -28.6780, -1.0479

Details

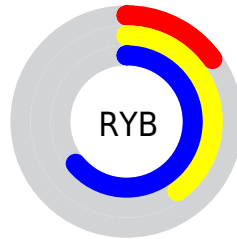
The Hex color **26A39A** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A3262F**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **69DAD0**, and **006E67** is the 20% darker color. If you saturate the color by 10%, you get **16A399**, and if you desaturate by 10%, it is **36A39B**.

Distribution



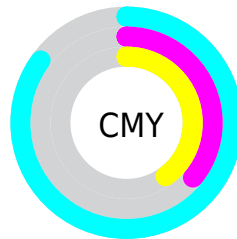
- Red (15%)
- Green (64%)
- Blue (60%)



- Red (15%)
- Yellow (40%)
- Blue (64%)



- Cyan (77%)
- Magenta (0%)
- Yellow (6%)
- Black (36%)



- Cyan (85%)
- Magenta (36%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 26A39A 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 26A39A by changing the saturation by 10% instead.

 26A39A

 26A39A

FFFFFF

 008880

 69DAD0

 006E67

 87F7ED

 00564F

 A4FFFF

 003D38

 C2FFFF

 002823

 E0FFFF

 00060E

FEFFFF

 000000

 26A39A

 26A39A

 16A399

 36A39B

■ 05A398

■ 47A39C

■ 00A397

■ 57A39E

■ 67A39F

■ 78A3A0

■ 88A3A1

■ 98A3A2

■ A8A3A3

■ B9A3A5

Harmonies

Analogous

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



56A17A



26A39A



00A1B8

Triad

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



26A39A



A187C3



BA895A

Complementary

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



26A39A



A3262F

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.



CB7F6E



26A39A



C07EAA

Square

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



26A39A



7393CF



CE7A8B



9F9354

Rectangle

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



26A39A



229EC6



CE7A8B



C1855F

Sweetspot

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



26A39A



A3D4D0



30A326



4D6B69



EBEBEB



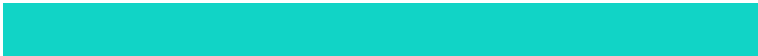
6B6B6B

Same Dimension

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



26A39A



11D4C6



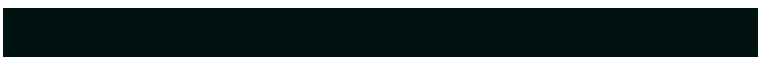
266FA3



495251



009187



001211

Inverse Universe

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



A3262F



D4111F



A35A26



52494A



91000A



120001

Previews

White Background



This preview shows how the Hex color 26A39A looks on a white background.

Color Contrast Check

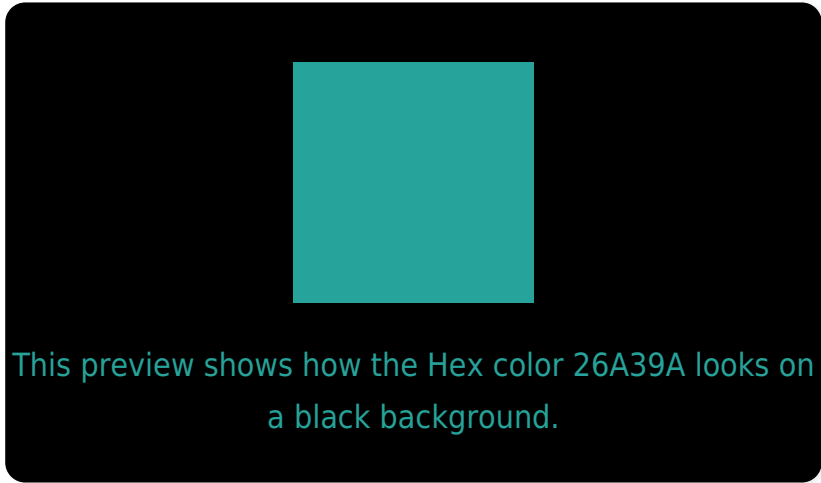
Large Text (above 18pt) WCAG AA ✓ Pass

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

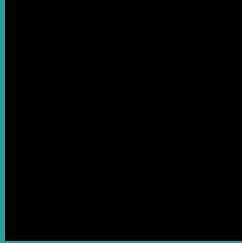
Any Text WCAG AA ✓ Pass

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 26A39A Background



This preview shows how black text looks on a background with the Hex color 26A39A.

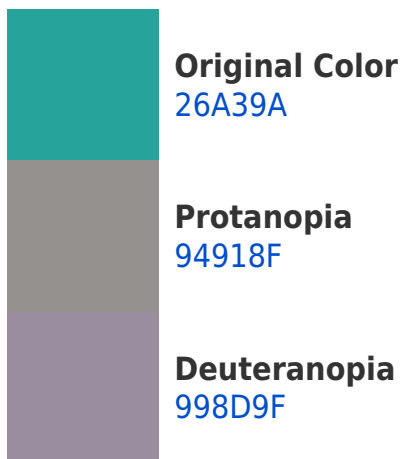


This preview shows how white text looks on a background with the Hex color 26A39A.

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
33A0AD

Trichromacy



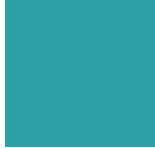
Original Color
26A39A



Protanomaly
6C9893



Deuteranomaly
6F959D



Tritanomaly
2EA1A6

Monochromacy



Original Color
26A39A



Achromatopsia
7D7D7D



Achromatomaly
5D8B88

CSS Examples

Text

The CSS property to change the color of the text to Hex 26A39A 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 #26A39A looks like.

```
.text, #text, p{  
  color:#26A39A  
}
```

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 #26A39A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #26A39A
}
```

Border

The CSS property to change the border of an element to Hex 26A39A 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
#26A39A }
```

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

```
.border{ border-color:#26A39A }
```

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

Here you see how a box with a 4 pixel #26A39A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #26A39A; -webkit-box-shadow:4px 4px  
4px 4px #26A39A; box-shadow:4px 4px 4px  
4px #26A39A }
```

Background

The CSS property to change the background color of an element to Hex 26A39A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#26A39A }
```

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

```
.background{ background-color:#26A39A }
```

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