

Converting Colors

Hex(27A19A)

Have a look what the booklet for
Hex(27A19A) contains.

Hex(27A19A)	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(27A19A)

Conversions

Conversions Part 1

Format	Color
Hex	27A19A
RGB	39, 161, 154
RGB Percent	15%, 63%, 60%
CMY	0.8471, 0.3686, 0.3961
CMYK	0.76, 0.00, 0.04, 0.37
HSL	177°, 61%, 39%
HSV	177°, 76%, 63%
XYZ	19.4143, 28.2542, 35.0022
YIQ	123.7240, -70.4650, -28.0410

Conversions

Conversions Part 2

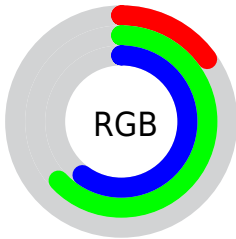
Format	Color
RYB	39, 102, 161
Decimal	2597274
CIELab	60.12, -33.63, -5.77
CIElCh	60, 34.121, 189.734
Yxy	28.2542, 0.2348, 0.3418
Android (android.graphics.Color)	4280787354 (0xFF27A19A)
YUV	123.7240, 14.9261, -74.3029
Hunter-Lab	53.1546, -27.8250, -1.8341

Details

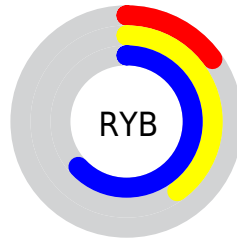
The Hex color **27A19A** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A1272E**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **69D8D0**, and **006D67** is the 20% darker color. If you saturate the color by 10%, you get **17A199**, and if you desaturate by 10%, it is **37A19B**.

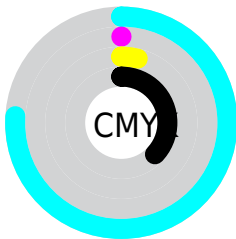
Distribution



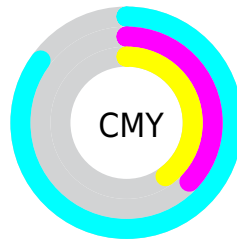
- Red (15%)
- Green (63%)
- Blue (60%)



- Red (15%)
- Yellow (40%)
- Blue (63%)



- Cyan (76%)
- Magenta (0%)
- Yellow (4%)
- Black (37%)



- Cyan (85%)
- Magenta (37%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 27A19A 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 27A19A by changing the saturation by 10% instead.

 27A19A

 27A19A

FFFFFF

 008680

 69D8D0

 006D67

 87F5ED

 00544F

 A4FFFF

 003C38

 C2FFFF

 002623

 E0FFFF

 00010E

FEFFFF

 000000

 27A19A

 27A19A

 17A199

 37A19B

07A198

47A19C

00A198

57A19D

67A19E

78A19F

88A1A0

98A1A0

A8A1A1

B8A1A2

Harmonies

Analogous

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



549F7B



27A19A



009FB6

Triad

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



27A19A



A185BF



B68859

Complementary

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



27A19A



A1272E

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.



C77E6C



27A19A



BE7CA6

Square

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



27A19A



7591CC



CB7988



9B9255

Rectangle

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



27A19A



2B9CC4



CB7988



BD855E

Sweetspot

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



27A19A



A1D1CE



2FA127



4B6967



E8E8E8



696969

Same Dimension

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



27A19A



13D1C6



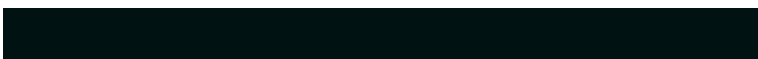
276CA1



495251



009189



001211

Inverse Universe

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



A1272E



D1131E



A15C27



52494A



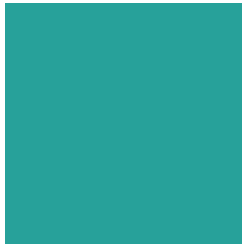
910008



120001

Previews

White Background



This preview shows how the Hex color 27A19A looks on a white background.

Color Contrast Check

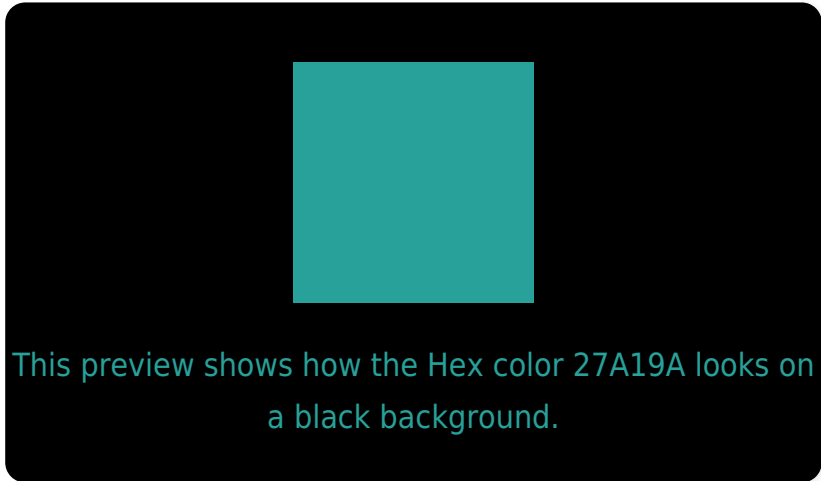
Large Text (above 18pt) WCAG AA ✓ Pass

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

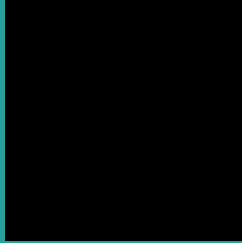
Any Text WCAG AA ✓ Pass

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 27A19A Background



This preview shows how black text looks on a background with the Hex color 27A19A.

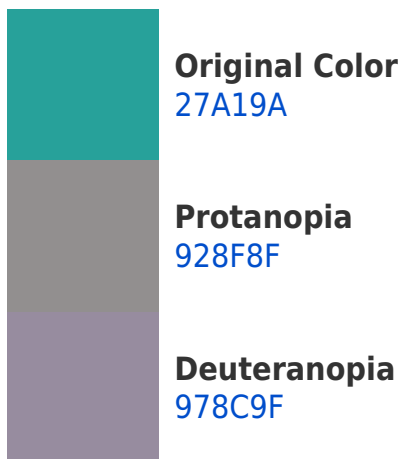


This preview shows how white text looks on a background with the Hex color 27A19A.

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
339EAB

Trichromacy



Original Color
27A19A



Protanomaly
6B9693



Deuteranomaly
6E949D



Tritanomaly
2F9FA5

Monochromacy



Original Color
27A19A



Achromatopsia
7C7C7C



Achromatomaly
5D8987

CSS Examples

Text

The CSS property to change the color of the text to Hex 27A19A 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 #27A19A looks like.

```
.text, #text, p{  
    color:#27A19A  
}
```

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 #27A19A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27A19A
}
```

Border

The CSS property to change the border of an element to Hex 27A19A 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
#27A19A }
```

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

```
.border{ border-color:#27A19A }
```

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

Here you see how a box with a 4 pixel #27A19A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27A19A; -webkit-box-shadow:4px 4px  
4px 4px #27A19A; box-shadow:4px 4px 4px  
4px #27A19A }
```

Background

The CSS property to change the background color of an element to Hex 27A19A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27A19A }
```

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

```
.background{ background-color:#27A19A }
```

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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