

Converting Colors

Hex(27A191)

Have a look what the booklet for
Hex(27A191) contains.

Hex(27A191)	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(27A191)

Conversions

Conversions Part 1

Format	Color
Hex	27A191
RGB	39, 161, 145
RGB Percent	15%, 63%, 57%
CMY	0.8471, 0.3686, 0.4314
CMYK	0.76, 0.00, 0.10, 0.37
HSL	172°, 61%, 39%
HSV	172°, 76%, 63%
XYZ	18.6924, 27.9654, 31.2007
YIQ	122.6980, -67.5760, -30.8400

Conversions

Conversions Part 2

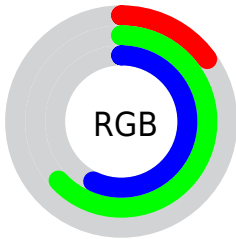
Format	Color
RYB	39, 104, 161
Decimal	2597265
CIELab	59.86, -36.20, -1.07
CIELCh	60, 36.220, 181.688
Yxy	27.9654, 0.2401, 0.3592
Android (android.graphics.Color)	4280787345 (0xFF27A191)
YUV	122.6980, 10.9949, -73.4031
Hunter-Lab	52.8823, -29.4494, 2.0364

Details

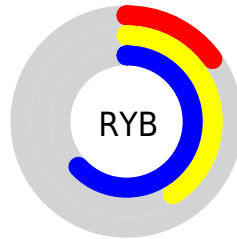
The Hex color **27A191** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A12737**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **69D8C7**, and **006D5F** is the 20% darker color. If you saturate the color by 10%, you get **17A18F**, and if you desaturate by 10%, it is **37A193**.

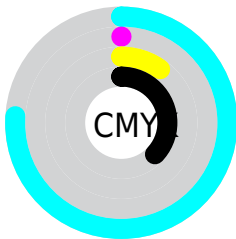
Distribution



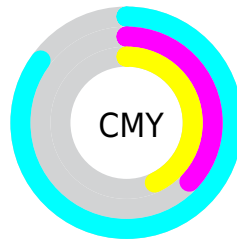
- Red (15%)
- Green (63%)
- Blue (57%)



- Red (15%)
- Yellow (41%)
- Blue (63%)



- Cyan (76%)
- Magenta (0%)
- Yellow (10%)
- Black (37%)



- Cyan (85%)
- Magenta (37%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 27A191 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 27A191 by changing the saturation by 10% instead.

 27A191

 27A191

FFFFFF

 008677

 69D8C7

 006D5F

 86F5E3

 005447


 A3FFFF

 003C31

 C1FFFF

 00261C

 DEFFF

 000002

 FCFFF

 000000

 27A191

 27A191

 17A18F

 37A193

07A18D

47A195

00A18C

57A197

67A199

78A19C

88A19E

98A1A0

A8A1A2

B8A1A4

Harmonies

Analogous

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



5B9E71



27A191



00A0B1

Triad

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



27A191



9687C6



BD8459

Complementary

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



27A191



A12737

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.



CC7A70



27A191



BA7CAF

Square

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



27A191



6393D0



CC7790



A38F50

Rectangle

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



27A191



009DC1



CC7790



C3805F

Sweetspot

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



27A191



A1D1CB



37A127



4B6965



E8E8E8



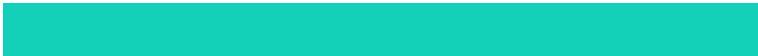
696969

Same Dimension

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



27A191



13D1B8



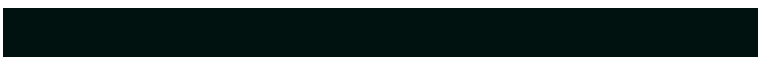
2774A1



495251



00917E



001210

Inverse Universe

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



A12737



D1132C



A15427



52494B



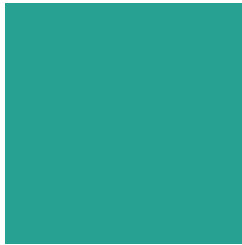
910013



120002

Previews

White Background



This preview shows how the Hex color 27A191 looks on a white background.

Color Contrast Check

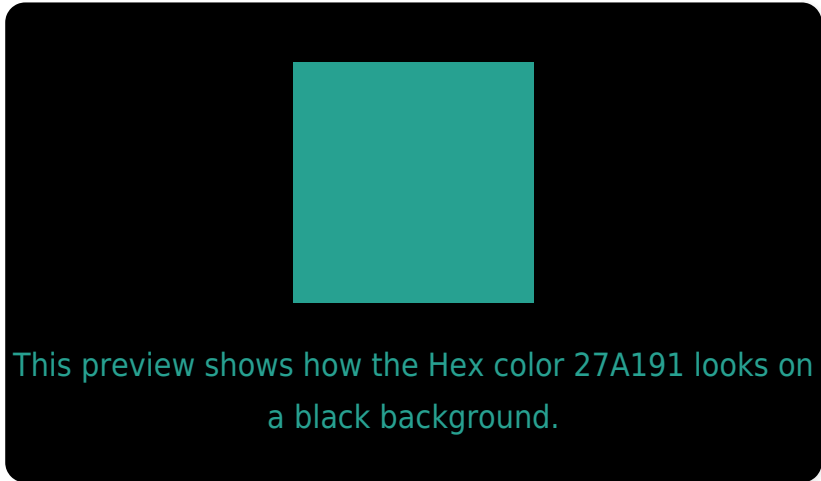
Large Text (above 18pt) WCAG AA ✓ Pass

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

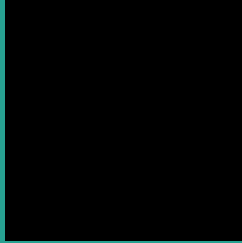
Any Text WCAG AA ✓ Pass

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 27A191 Background



This preview shows how black text looks on a background with the Hex color 27A191.

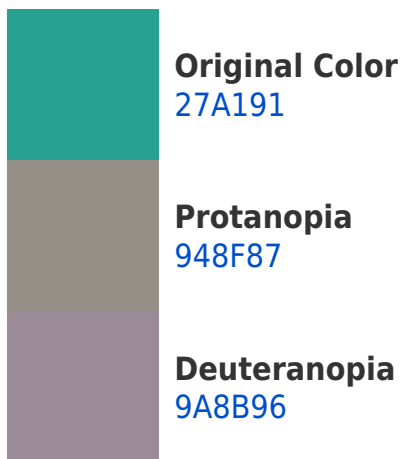


This preview shows how white text looks on a background with the Hex color 27A191.

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
379DAA

Trichromacy



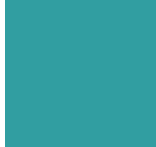
Original Color
27A191



Protanomaly
6C968B



Deuteranomaly
709394



Tritanomaly
319EA1

Monochromacy



Original Color
27A191



Achromatopsia
7B7B7B



Achromatomaly
5C8983

CSS Examples

Text

The CSS property to change the color of the text to Hex 27A191 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 #27A191 looks like.

```
.text, #text, p{  
    color:#27A191  
}
```

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 #27A191 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27A191
}
```

Border

The CSS property to change the border of an element to Hex 27A191 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
#27A191 }
```

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

```
.border{ border-color:#27A191 }
```

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

Here you see how a box with a 4 pixel #27A191 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27A191; -webkit-box-shadow:4px 4px  
4px 4px #27A191; box-shadow:4px 4px 4px  
4px #27A191 }
```

Background

The CSS property to change the background color of an element to Hex 27A191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27A191 }
```

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

```
.background{ background-color:#27A191 }
```

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