

# Converting Colors

Hex(27A371)

Have a look what the booklet for  
Hex(27A371) contains.

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# Color

Hex(27A371)

# Conversions

## Conversions Part 1

Format	Color
Hex	27A371
RGB	39, 163, 113
RGB Percent	15%, 64%, 44%
CMY	0.8471, 0.3608, 0.5569
CMYK	0.76, 0.00, 0.31, 0.36
HSL	156°, 61%, 40%
HSV	156°, 76%, 64%
XYZ	16.9145, 27.8180, 20.1007
YIQ	120.2240, -57.8540, -41.8380

# Conversions

## Conversions Part 2

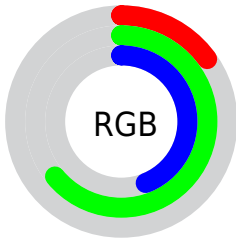
<b>Format</b>	<b>Color</b>
<b>RYB</b>	39, 117, 163
Decimal	2597745
CIELab	59.72, -45.16, 16.68
CIELCh	60, 48.138, 159.728
Yxy	27.8180, 0.2609, 0.4291
Android (android.graphics.Color)	4280787825 (0xFF27A371)
YUV	120.2240, -3.5614, -71.2334
Hunter-Lab	52.7427, -35.0551, 14.3240

# Details

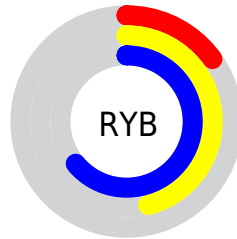
The Hex color **27A371** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A32759**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **68DBA5**, and **006E41** is the 20% darker color. If you saturate the color by 10%, you get **17A36A**, and if you desaturate by 10%, it is **37A378**.

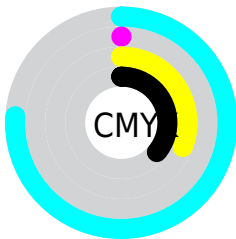
# Distribution



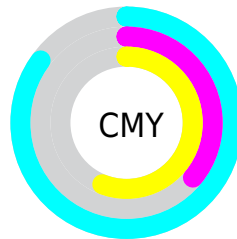
- Red (15%)
- Green (64%)
- Blue (44%)



- Red (15%)
- Yellow (46%)
- Blue (64%)



- Cyan (76%)
- Magenta (0%)
- Yellow (31%)
- Black (36%)



- Cyan (85%)
- Magenta (36%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 27A371 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 27A371 by changing the saturation by 10% instead.




 27A371

 27A371

FFFFFF

 008858

 68DBA5

 006E41

 85F8C0

 00552A

 A2FFDC

 003C15

 BFFFF9

 002700

 DCFFFF

 000000

 FAFFFF

 27A371

 27A371

 17A36A

 37A378

06A364

48A37E

00A361

58A385

68A38B

79A392

89A398

99A39F

A9A3A6

BAA3AC

# Harmonies

## Analogous

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



6D9D4C



27A371



00A59D

# Triad

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



27A371



5E90E3



D8745C

# Complementary

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



27A371



A32759

# 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.



DF6B84



27A371



A57FD1

# Square

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



27A371



009CDF



CE70AE



C0833F

# Rectangle

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



27A371



00A4B9



CE70AE



DD7068



# Sweetspot

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



27A371



A3D4C0



5BA327



4D6B5F



EBEBEB



6B6B6B



# Same Dimension

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



27A371



13D486



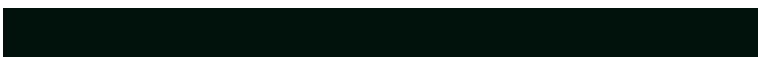
2799A3



49524E



009157



00120B



# Inverse Universe

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



A32759



D41361



A33127



52494D



91003B



120007



# Previews

## White Background



This preview shows how the Hex color 27A371 looks on a white background.

## Color Contrast Check

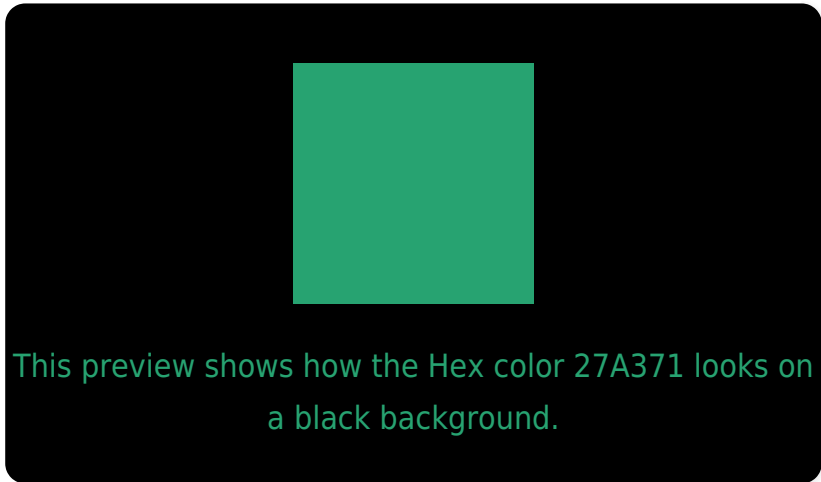
Large Text (above 18pt) WCAG AA ✓ Pass

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

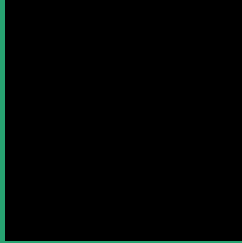
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 27A371 Background



This preview shows how black text looks on a background with the Hex color 27A371.



This preview shows how white text looks on a background with the Hex color 27A371.

# 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](#).

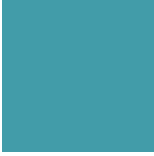
## Dichromacy



**Original Color**  
27A371

**Protanopia**  
998F68

**Deuteranopia**  
A58977



**Tritanopia**  
429CA9

# Trichromacy



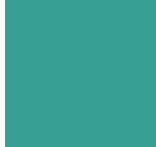
**Original Color**  
27A371



**Protanomaly**  
70966B



**Deuteranomaly**  
779275



**Tritanomaly**  
389F95

# Monochromacy



**Original Color**  
27A371



**Achromatopsia**  
787878



**Achromatomaly**  
5B8875

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 27A371 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 #27A371 looks like.

```
.text, #text, p{  
    color:#27A371  
}
```

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 #27A371 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27A371
}
```

## Border

The CSS property to change the border of an element to Hex 27A371 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
#27A371 }
```

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

```
.border{ border-color:#27A371 }
```

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

Here you see how a box with a 4 pixel #27A371 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27A371; -webkit-box-shadow:4px 4px  
4px 4px #27A371; box-shadow:4px 4px 4px  
4px #27A371 }
```

# Background

The CSS property to change the background color of an element to Hex 27A371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27A371 }
```

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

```
.background{ background-color:#27A371 }
```

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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