

# Converting Colors

Hex(27A747)

Have a look what the booklet for  
Hex(27A747) contains.

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**Color**

**Hex(27A747)**

# Conversions

## Conversions Part 1

Format	Color
Hex	27A747
RGB	39, 167, 71
RGB Percent	15%, 65%, 28%
CMY	0.8471, 0.3451, 0.7216
CMYK	0.77, 0.00, 0.57, 0.35
HSL	135°, 62%, 40%
HSV	135°, 77%, 65%
XYZ	15.7927, 28.5237, 10.6345
YIQ	117.7840, -45.4720, -56.9920

# Conversions

## Conversions Part 2

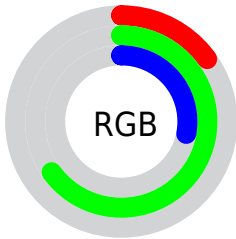
Format	Color
<a href="#">RYB</a>	<a href="#">39, 141, 167</a>
Decimal	<a href="#">2598727</a>
CIELab	<a href="#">60.36, -54.25, 39.55</a>
CIElCh	<a href="#">60, 67.138, 143.909</a>
Yxy	<a href="#">28.5237, 0.2874, 0.5191</a>
Android (android.graphics.Color)	<a href="#">4280788807 (0xFF27A747)</a>
YUV	<a href="#">117.7840, -23.0645, -69.0936</a>
Hunter-Lab	<a href="#">53.4076, -40.6804, 25.5795</a>

# Details

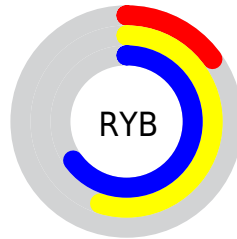
The Hex color **27A747** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **A72787**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **69DF7A**, and **007214** is the 20% darker color. If you saturate the color by 10%, you get **16A73A**, and if you desaturate by 10%, it is **38A754**.

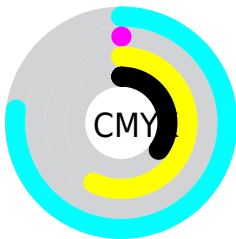
# Distribution



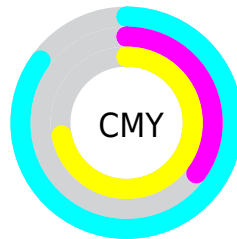
- Red (15%)
- Green (65%)
- Blue (28%)



- Red (15%)
- Yellow (55%)
- Blue (65%)



- Cyan (77%)
- Magenta (0%)
- Yellow (57%)
- Black (35%)



- Cyan (85%)
- Magenta (35%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 27A747 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 27A747 by changing the saturation by 10% instead.



 27A747

 27A747

FFFFFF

 008C2E

 69DF7A

 007214

 86FC95

 005800

 A4FFB0

 003F00

 C1FFCC

 002900

 DFFFE8

 000200

FDFFFF

 000000

 27A747

 27A747

 16A73A

 38A754

06A72E

48A760

00A72A

59A76D

6AA779

7AA786

8BA792

9CA79F

ADA7AB

BDA7B8

# Harmonies

## Analogous

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



809C0B



27A747



00AC83

# Triad

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



27A747



009CFF



F95A65

# Complementary

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



27A747



A72787

# 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.



F556A0



27A747



7887FF

# Square

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



27A747



00A8F1



CD6BD8



E37230

# Rectangle

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



27A747



00ADAC



CD6BD8



FB5679



# Sweetspot

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



27A747



A7D9B3



87A727



4F6E57



EDEDED



6E6E6E



# Same Dimension

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



27A747



11D943



27A787



4C544E



009425



001405



# Inverse Universe

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



A72787



D911A7



A72747



544C52



94006F



14000F



# Previews

## White Background



This preview shows how the Hex color 27A747 looks on a white background.

## Color Contrast Check

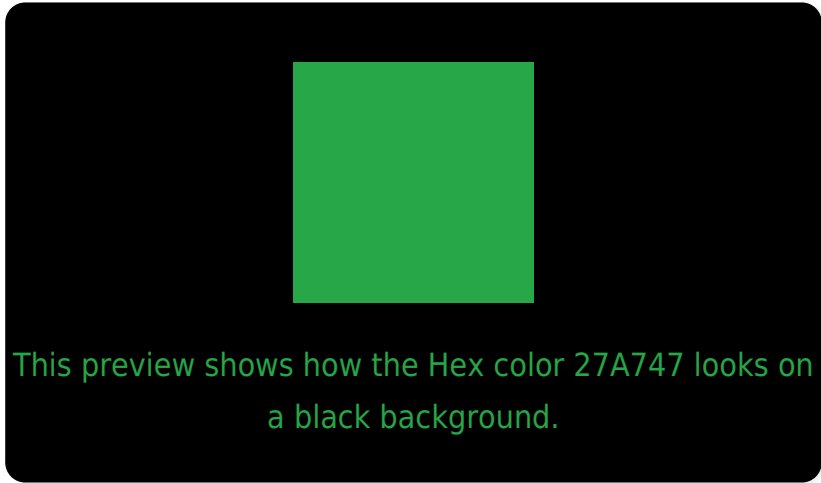
Large Text (above 18pt) WCAG AA ✓ Pass

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

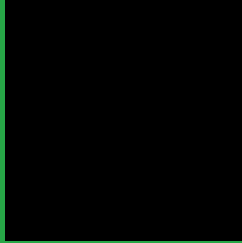
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 27A747 Background



This preview shows how black text looks on a background with the Hex color 27A747.

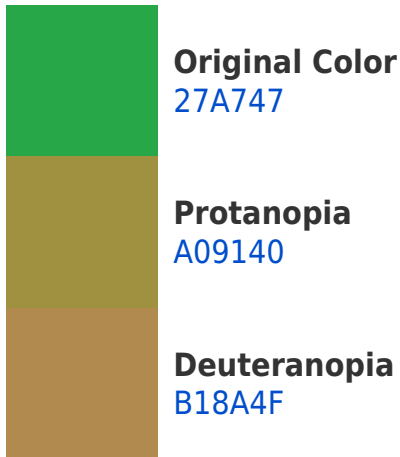


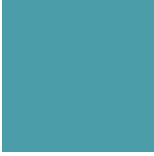
This preview shows how white text looks on a background with the Hex color 27A747.

# 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](#).

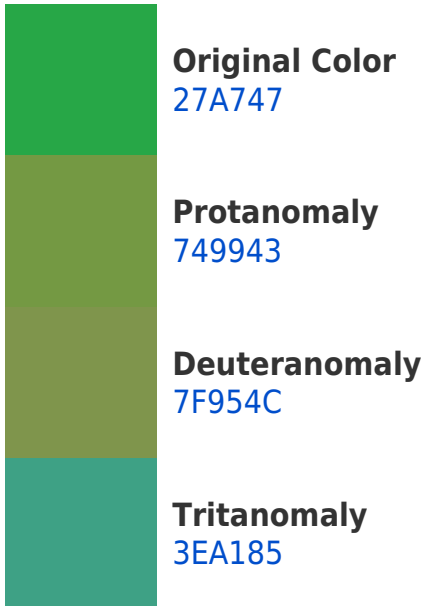
## Dichromacy





**Tritanopia**  
4B9DA9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 27A747 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 #27A747 looks like.

```
.text, #text, p{  
    color:#27A747  
}
```

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 #27A747 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27A747
}
```

## Border

The CSS property to change the border of an element to Hex 27A747 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
#27A747 }
```

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

```
.border{ border-color:#27A747 }
```

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

Here you see how a box with a 4 pixel #27A747 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27A747; -webkit-box-shadow:4px 4px  
4px 4px #27A747; box-shadow:4px 4px 4px  
4px #27A747 }
```

# Background

The CSS property to change the background color of an element to Hex 27A747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27A747 }
```

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

```
.background{ background-color:#27A747 }
```

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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