

Converting Colors

Hex(27AE54)

Have a look what the booklet for
Hex(27AE54) contains.

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Color

Hex(27AE54)

Conversions

Conversions Part 1

Format	Color
Hex	27AE54
RGB	39, 174, 84
RGB Percent	15%, 68%, 33%
CMY	0.8471, 0.3176, 0.6706
CMYK	0.78, 0.00, 0.52, 0.32
HSL	140°, 63%, 42%
HSV	140°, 78%, 68%
XYZ	17.5730, 31.3435, 13.5112
YIQ	123.3750, -51.5700, -56.6100

Conversions

Conversions Part 2

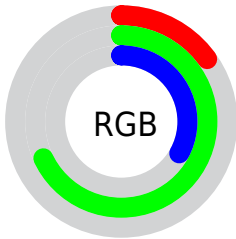
Format	Color
RYB	39, 140, 174
Decimal	2600532
CIELab	62.80, -54.80, 36.10
CIELCh	63, 65.620, 146.624
Yxy	31.3435, 0.2815, 0.5021
Android (android.graphics.Color)	4280790612 (0xFF27AE54)
YUV	123.3750, -19.4119, -73.9969
Hunter-Lab	55.9853, -41.9457, 24.8809

Details

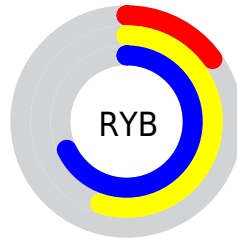
The Hex color **27AE54** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **AE2781**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **6AE787**, and **007823** is the 20% darker color. If you saturate the color by 10%, you get **16AE48**, and if you desaturate by 10%, it is **38AE60**.

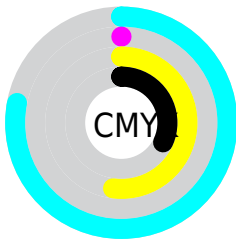
Distribution



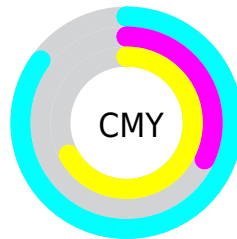
- Red (15%)
- Green (68%)
- Blue (33%)



- Red (15%)
- Yellow (55%)
- Blue (68%)



- Cyan (78%)
- Magenta (0%)
- Yellow (52%)
- Black (32%)



- Cyan (85%)
- Magenta (32%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 27AE54 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 27AE54 by changing the saturation by 10% instead.

 27AE54

 27AE54

FFFFFF

 00933B

 6AE787

 007823

 88FFA2

 005E08

 A5FFBE

 004500

 C3FFDA

 002F00

 E1FFF6

 001100

 000000

 27AE54

 27AE54

 16AE48

 38AE60

■ 04AE3D

■ 4AAE6B

■ 00AE3A

■ 5BAE77

■ 6DAE82

■ 7EAE8E

■ 8FAE9A

■ A1AEA5

■ B2AEB1

■ C4AEBC

Harmonies

Analogous

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



82A421



27AE54



00B38F

Triad

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



27AE54



00A1FF



FE6567

Complementary

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



27AE54



AE2781

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.



FC5FA1



27AE54



8B8BFF

Square

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



27AE54



00AEF9



D871D9



E67C35

Rectangle

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



27AE54



00B3B8



D871D9



FF607A

Sweetspot

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



27AE54



AFE3C0



81AE27



53735D



F2F2F2



737373

Same Dimension

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



27AE54



10E356



27AE97



4E5751



009632



001708

Inverse Universe

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



AE2781



E3109D



AE273E



574E54



960064



17000F

Previews

White Background



This preview shows how the Hex color 27AE54 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 27AE54 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

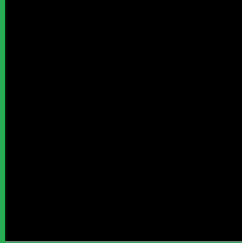
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex 27AE54 Background



This preview shows how black text looks on a background with the Hex color 27AE54.

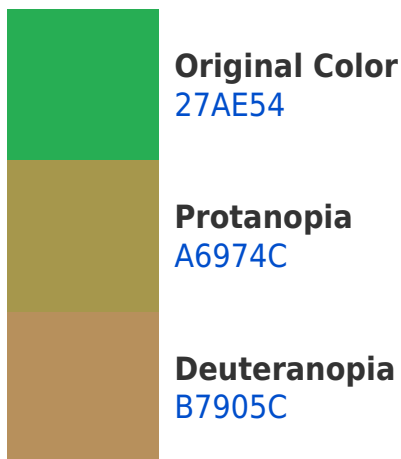


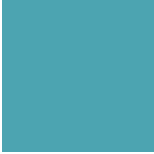
This preview shows how white text looks on a background with the Hex color 27AE54.

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
4CA4B1

Trichromacy



Original Color
27AE54



Protanomaly
789F4F



Deuteranomaly
839B59



Tritanomaly
3FA88F

Monochromacy



Original Color
27AE54



Achromatopsia
7B7B7B



Achromatomaly
5C8E6D

CSS Examples

Text

The CSS property to change the color of the text to Hex 27AE54 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 #27AE54 looks like.

```
.text, #text, p{  
    color:#27AE54  
}
```

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 #27AE54 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27AE54
}
```

Border

The CSS property to change the border of an element to Hex 27AE54 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
#27AE54 }
```

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

```
.border{ border-color:#27AE54 }
```

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

Here you see how a box with a 4 pixel #27AE54 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27AE54; -webkit-box-shadow:4px 4px  
4px 4px #27AE54; box-shadow:4px 4px 4px  
4px #27AE54 }
```

Background

The CSS property to change the background color of an element to Hex 27AE54 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27AE54 }
```

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

```
.background{ background-color:#27AE54 }
```

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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