

Converting Colors

Hex(27A343)

Have a look what the booklet for
Hex(27A343) contains.

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Color

Hex(27A343)

Conversions

Conversions Part 1

Format	Color
Hex	27A343
RGB	39, 163, 67
RGB Percent	15%, 64%, 26%
CMY	0.8471, 0.3608, 0.7373
CMYK	0.76, 0.00, 0.59, 0.36
HSL	134°, 61%, 40%
HSV	134°, 76%, 64%
XYZ	14.9470, 27.0310, 9.7399
YIQ	114.9800, -43.0880, -56.1440

Conversions

Conversions Part 2

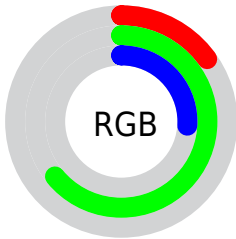
Format	Color
R_{YB}	39, 140, 163
Decimal	2597699
CIE _{Lab}	59.00, -53.41, 39.87
CIE _{LCh}	59, 66.646, 143.257
Yxy	27.0310, 0.2890, 0.5227
Android (android.graphics.Color)	4280787779 (0xFF27A343)
YUV	114.9800, -23.6541, -66.6345
Hunter-Lab	51.9913, -39.6677, 25.2867

Details

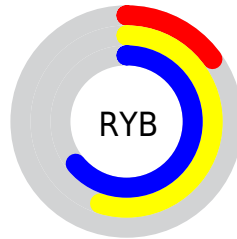
The Hex color **27A343** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **A32787**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **68DB76**, and **006E0F** is the 20% darker color. If you saturate the color by 10%, you get **17A336**, and if you desaturate by 10%, it is **37A350**.

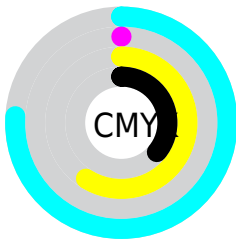
Distribution



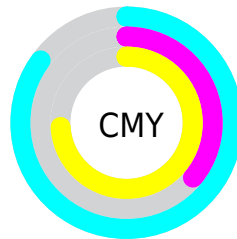
- Red (15%)
- Green (64%)
- Blue (26%)



- Red (15%)
- Yellow (55%)
- Blue (64%)



- Cyan (76%)
- Magenta (0%)
- Yellow (59%)
- Black (36%)



- Cyan (85%)
- Magenta (36%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 27A343 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 27A343 by changing the saturation by 10% instead.

 27A343

 27A343

FFFFFF

 00882A

 68DB76

 006E0F

 85F890

 005400

 A3FFAB

 003C00

 C0FFC7

 002500

 DEFFE4

 000000

 FCFFFF

 27A343

 27A343

 17A336

 37A350

■ 06A32A

■ 48A35C

■ 00A325

■ 58A369

■ 68A375

■ 79A382

■ 89A38F

■ 99A39B

■ A9A3A8

■ BAA3B5

Harmonies

Analogous

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



7E9804



27A343



00A87E

Triad

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



27A343



0099FF



F55764

Complementary

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



27A343



A32787

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.



EF539E



27A343



7284FA

Square

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



27A343



00A5EB



C769D5



DF6E2F

Rectangle

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



27A343



00A9A7



C769D5



F65277

Sweetspot

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



27A343



A3D4AE



88A327



4D6B54



EBEBEB



6B6B6B

Same Dimension

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



27A343



13D43F



27A380



49524B



009121



001204

Inverse Universe

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



A32787



D413A8



A3274A



524950



910071



12000E

Previews

White Background



This preview shows how the Hex color 27A343 looks on a white background.

Color Contrast Check

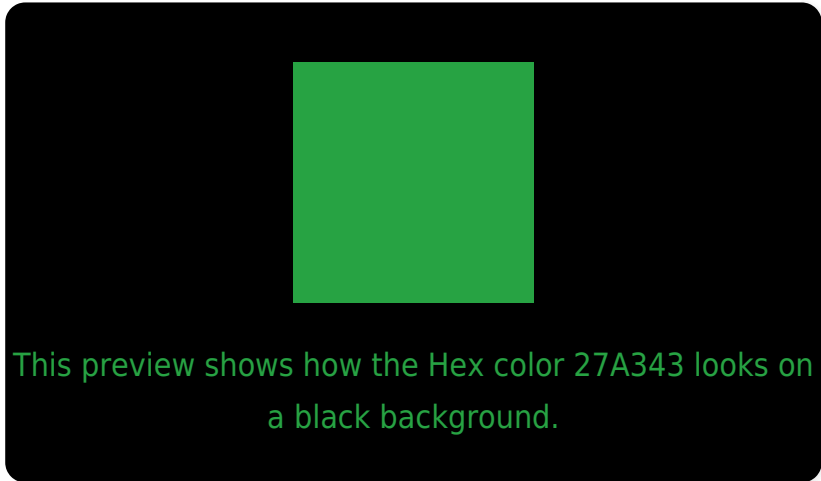
Large Text (above 18pt) WCAG AA ✓ Pass

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 27A343 Background



This preview shows how black text looks on a background with the Hex color 27A343.

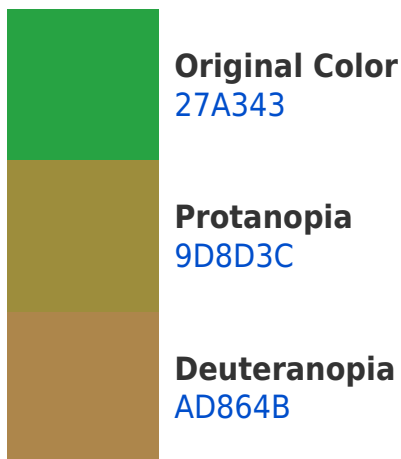


This preview shows how white text looks on a background with the Hex color 27A343.

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
4A99A5

Trichromacy



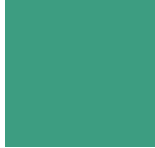
Original Color
27A343



Protanomaly
72953F



Deuteranomaly
7C9148



Tritanomaly
3D9D81

Monochromacy



Original Color
27A343



Achromatopsia
737373



Achromatomaly
578462

CSS Examples

Text

The CSS property to change the color of the text to Hex 27A343 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 #27A343 looks like.

```
.text, #text, p{  
    color:#27A343  
}
```

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 #27A343 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27A343
}
```

Border

The CSS property to change the border of an element to Hex 27A343 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
#27A343 }
```

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

```
.border{ border-color:#27A343 }
```

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

Here you see how a box with a 4 pixel #27A343 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27A343; -webkit-box-shadow:4px 4px  
4px 4px #27A343; box-shadow:4px 4px 4px  
4px #27A343 }
```

Background

The CSS property to change the background color of an element to Hex 27A343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27A343 }
```

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

```
.background{ background-color:#27A343 }
```

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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