

Converting Colors

Hex(27C339)

Have a look what the booklet for
Hex(27C339) contains.

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Color

Hex(27C339)

Conversions

Conversions Part 1

Format	Color
Hex	27C339
RGB	39, 195, 57
RGB Percent	15%, 76%, 22%
CMY	0.8471, 0.2353, 0.7765
CMYK	0.80, 0.00, 0.71, 0.24
HSL	127°, 67%, 46%
HSV	127°, 80%, 76%
XYZ	21.0903, 39.7570, 10.4332
YIQ	132.6240, -48.6780, -75.9900

Conversions

Conversions Part 2

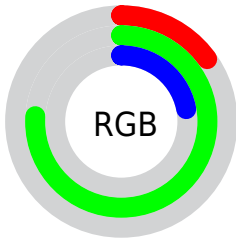
Format	Color
RYB	39, 179, 195
Decimal	2605881
CIELab	69.30, -64.95, 55.54
CIElCh	69, 85.461, 139.465
Yxy	39.7570, 0.2959, 0.5578
Android (android.graphics.Color)	4280795961 (0xFF27C339)
YUV	132.6240, -37.2826, -82.1082
Hunter-Lab	63.0531, -50.6374, 34.3267

Details

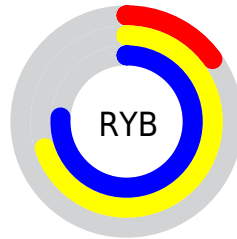
The Hex color **27C339** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **C327B1**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **71FD6F**, and **008C00** is the 20% darker color. If you saturate the color by 10%, you get **13C328**, and if you desaturate by 10%, it is **3BC34A**.

Distribution



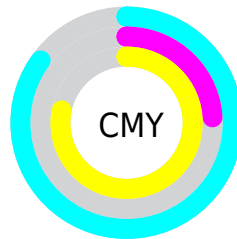
- Red (15%)
- Green (76%)
- Blue (22%)



- Red (15%)
- Yellow (70%)
- Blue (76%)



- Cyan (80%)
- Magenta (0%)
- Yellow (71%)
- Black (24%)



- Cyan (85%)
- Magenta (24%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 27C339 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 27C339 by changing the saturation by 10% instead.

 27C339

 27C339

FFFFFF

 00A71A

 71FD6F

 008C00

 90FF8B

 007100

 AEFFA6

 005700

 CDFFC3

 003E00

 EBFFDF

 002600

FFFFFFD

 000000

 27C339

 27C339

 13C328

 3BC34A

 00C316

 4EC35B

 62C36D

 75C37E

 88C38F

 9CC3A0

 B0C3B2

 C3C3C3

 D7C3D4

Harmonies

Analogous

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



9CB500



27C339



00CA8A

Triad

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



27C339



00BBFF



FF557B

Complementary

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



27C339



C327B1

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.



FF55C8



27C339



61A1FF

Square

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



27C339



00C8FF



EA7AFF



FF7931

Rectangle

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



27C339



00CCC1



EA7AFF



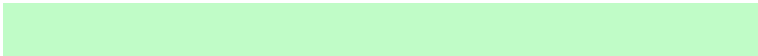
FF4F94

Sweetspot

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



27C339



C0FCC7



B3C327



5B805F



000000



808080

Same Dimension

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



27C339



0AFC26



27C385



576158



00A113



002104

Inverse Universe

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



C327B1



FC0AE0



C32765



615760



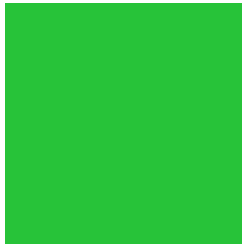
A1008E



21001D

Previews

White Background



This preview shows how the Hex color 27C339 looks on a white background.

Color Contrast Check

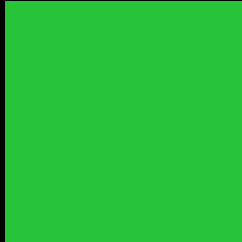
Large Text (above 18pt) WCAG AA × Fail

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 27C339 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 27C339 Background



This preview shows how black text looks on a background with the Hex color 27C339.

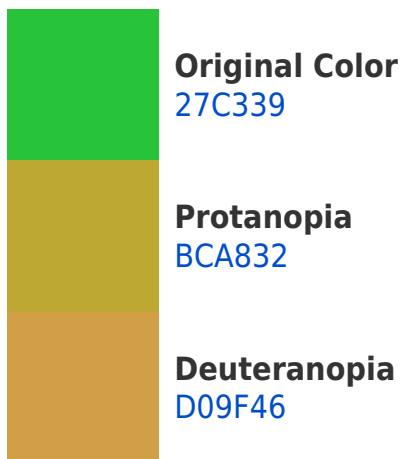


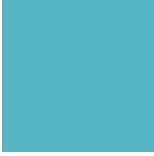
This preview shows how white text looks on a background with the Hex color 27C339.

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
57B6C5

Trichromacy



Original Color
27C339



Protanomaly
86B235



Deuteranomaly
93AC41



Tritanomaly
46BB92

Monochromacy



Original Color
27C339



Achromatopsia
858585



Achromatomaly
639C69

CSS Examples

Text

The CSS property to change the color of the text to Hex 27C339 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 #27C339 looks like.

```
.text, #text, p{  
    color:#27C339  
}
```

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 #27C339 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27C339
}
```

Border

The CSS property to change the border of an element to Hex 27C339 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
#27C339 }
```

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

```
.border{ border-color:#27C339 }
```

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

Here you see how a box with a 4 pixel #27C339 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27C339; -webkit-box-shadow:4px 4px  
4px 4px #27C339; box-shadow:4px 4px 4px  
4px #27C339 }
```

Background

The CSS property to change the background color of an element to Hex 27C339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27C339 }
```

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

```
.background{ background-color:#27C339 }
```

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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