

Converting Colors

Hex(27C829)

Have a look what the booklet for
Hex(27C829) contains.

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Color

Hex(27C829)

Conversions

Conversions Part 1

Format	Color
Hex	27C829
RGB	39, 200, 41
RGB Percent	15%, 78%, 16%
CMY	0.8471, 0.2157, 0.8392
CMYK	0.80, 0.00, 0.80, 0.22
HSL	121°, 67%, 47%
HSV	121°, 80%, 78%
XYZ	21.8912, 41.9000, 9.0315
YIQ	133.7350, -44.9170, -83.5810

Conversions

Conversions Part 2

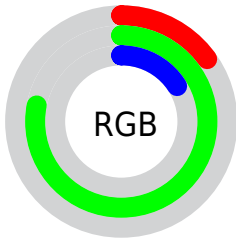
Format	Color
R _Y B	39, 198, 200
Decimal	2607145
CIE Lab	70.80, -67.66, 62.44
CIE LCh	71, 92.064, 137.299
Yxy	41.9000, 0.3006, 0.5754
Android (android.graphics.Color)	4280797225 (0xFF27C829)
YUV	133.7350, -45.7184, -83.0826
Hunter-Lab	64.7302, -52.9106, 37.0386

Details

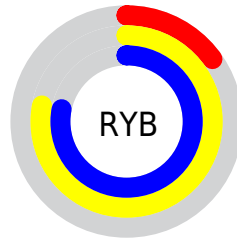
The Hex color **27C829** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **C827C6**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **73FF63**, and **009000** is the 20% darker color. If you saturate the color by 10%, you get **13C815**, and if you desaturate by 10%, it is **3BC83D**.

Distribution



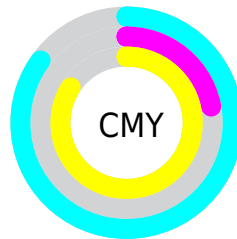
- Red (15%)
- Green (78%)
- Blue (16%)



- Red (15%)
- Yellow (78%)
- Blue (78%)



- Cyan (80%)
- Magenta (0%)
- Yellow (80%)
- Black (22%)



- Cyan (85%)
- Magenta (22%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 27C829 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 27C829 by changing the saturation by 10% instead.

 27C829

 27C829

FFFFFF

 00AC00

 73FF63

 009000

 92FF7F

 007500

 B1FF9B

 005B00

 D0FFB7

 004200

 EFFF D4

 002A00

 FFFFF2

 000500

 000000

 27C829

 27C829

 13C815

 3BC83D

 00C802

 4FC851

 63C864

 77C878

 8BC88C

 9FC8A0

 B3C8B3

 C7C8C7

 DBC8DB

Harmonies

Analogous

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



A3B800



27C829



00D085

Triad

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



27C829



00C2FF



FF4B81

Complementary

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



27C829



C827C6

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.



FF4FD5



27C829



39A7FF

Square

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



27C829



00CFFF



EB7DFE



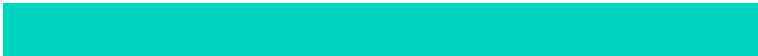
FF7430

Rectangle

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



27C829



00D2C0



EB7DFF



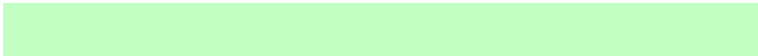
FF449D

Sweetspot

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



27C829



C2FFC3



C8C827



5B805B



000000



808080

Same Dimension

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



27C829



08FF0B



27C878



5A635A



00A302



002400

Inverse Universe

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



C827C6



FF08FC



C82778



635A63



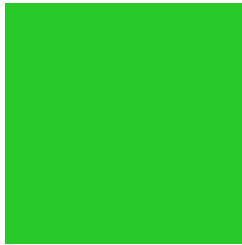
A300A1



240023

Previews

White Background



This preview shows how the Hex color 27C829 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 27C829 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

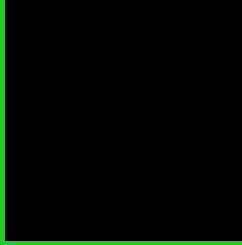
Any Text WCAG AA ✓ Pass

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 27C829 Background



This preview shows how black text looks on a background with the Hex color 27C829.

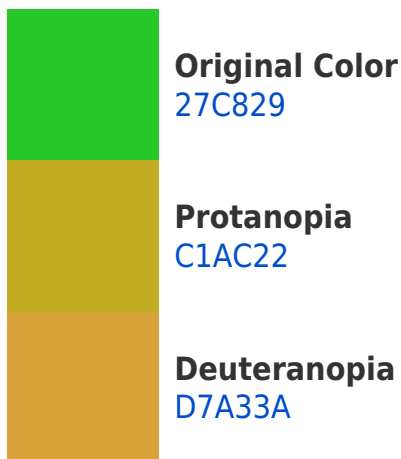


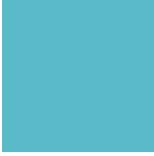
This preview shows how white text looks on a background with the Hex color 27C829.

Color Blindness Simulation

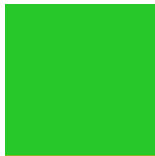
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Original Color
27C829



Protanomaly
89B625



Deuteranomaly
97B034



Tritanomaly
47BF8F

Monochromacy



Original Color
27C829



Achromatopsia
868686



Achromatomaly
639E64

CSS Examples

Text

The CSS property to change the color of the text to Hex 27C829 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 #27C829 looks like.

```
.text, #text, p{  
    color:#27C829  
}
```

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 #27C829 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27C829
}
```

Border

The CSS property to change the border of an element to Hex 27C829 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
#27C829 }
```

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

```
.border{ border-color:#27C829 }
```

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

Here you see how a box with a 4 pixel #27C829 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27C829; -webkit-box-shadow:4px 4px  
4px 4px #27C829; box-shadow:4px 4px 4px  
4px #27C829 }
```

Background

The CSS property to change the background color of an element to Hex 27C829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27C829 }
```

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

```
.background{ background-color:#27C829 }
```

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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