

# Converting Colors

Hex(27C855)

Have a look what the booklet for  
Hex(27C855) contains.

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**Color**

**Hex(27C855)**

# Conversions

## Conversions Part 1

Format	Color
Hex	27C855
RGB	39, 200, 85
RGB Percent	15%, 78%, 33%
CMY	0.8471, 0.2157, 0.6667
CMYK	0.80, 0.00, 0.58, 0.22
HSL	137°, 67%, 47%
HSV	137°, 80%, 78%
XYZ	23.1307, 42.3958, 15.5584
YIQ	138.7510, -59.0410, -69.8970

# Conversions

## Conversions Part 2

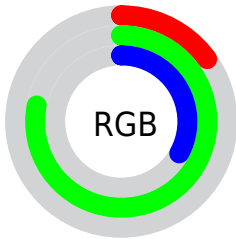
<b>Format</b>	<b>Color</b>
<b>RYB</b>	39, 164, 200
Decimal	2607189
CIELab	71.14, -63.45, 45.69
CIELCh	71, 78.186, 144.244
Yxy	42.3958, 0.2853, 0.5229
Android (android.graphics.Color)	4280797269 (0xFF27C855)
YUV	138.7510, -26.4992, -87.4816
Hunter-Lab	65.1120, -50.5350, 31.4112

# Details

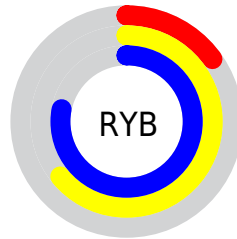
The Hex color **27C855** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted green. A complement of this color would be **C8279A**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **71FF8A**, and **009021** is the 20% darker color. If you saturate the color by 10%, you get **13C847**, and if you desaturate by 10%, it is **3BC863**.

# Distribution



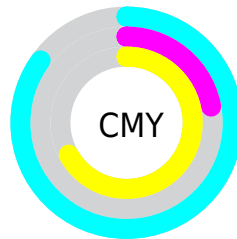
- Red (15%)
- Green (78%)
- Blue (33%)



- Red (15%)
- Yellow (64%)
- Blue (78%)



- Cyan (80%)
- Magenta (0%)
- Yellow (58%)
- Black (22%)



- Cyan (85%)
- Magenta (22%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 27C855 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 27C855 by changing the saturation by 10% instead.



 27C855

 27C855

FFFFFF

 00AC3B

 71FF8A

 009021

 90FFA5

 007600

 AEFFC1

 005C00

 CDFFDD

 004200

 EBFFFA

 002B00

 000800

 000000

 27C855

 27C855

 13C847

 3BC863

 00C839

 4FC872

 63C880

 77C88E

 8BC89C

 9FC8AB

 B3C8B9

 C7C8C7

 DBC8D6

# Harmonies

## Analogous

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



98BB05



27C855



00CE9E

# Triad

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



27C855



00BBFF



FF6B78

# Complementary

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



27C855



C8279A

# 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.



FF65BF



27C855



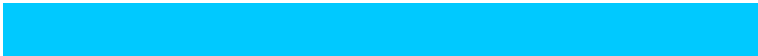
90A1FF

# Square

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



27C855



00C9FF



F680FF



FF8838

# Rectangle

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



27C855



00CFCF



F680FF



FF658F

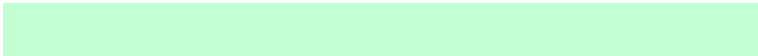


# Sweetspot

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



27C855



C2FFD3



9AC827



5B8065



000000



808080



# Same Dimension

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



27C855



08FF4E



27C8A5



5A635C



00A32F



00240A



# Inverse Universe

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



C8279A



FF08B8



C8274A



635A61



A30075

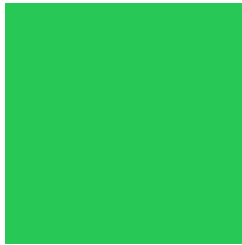


24001A



# Previews

## White Background



This preview shows how the Hex color 27C855 looks on a white background.

## Color Contrast Check

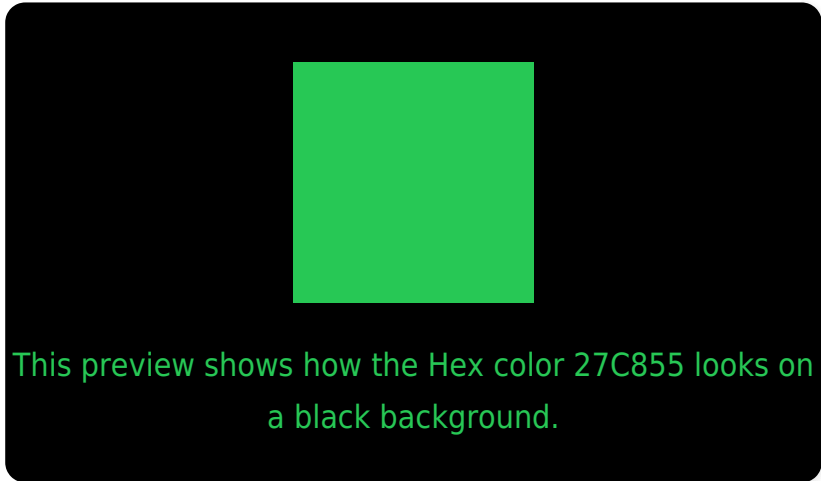
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

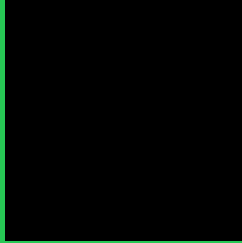
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 27C855 Background



This preview shows how black text looks on a background with the Hex color 27C855.

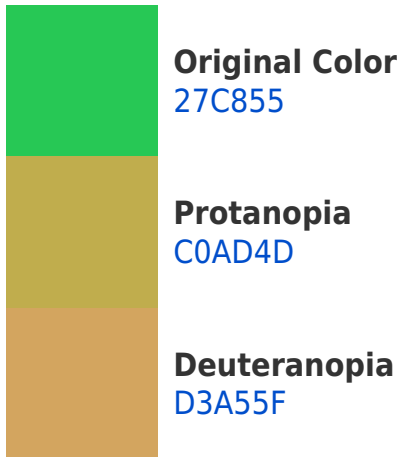


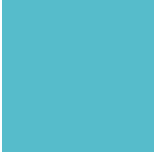
This preview shows how white text looks on a background with the Hex color 27C855.

# 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**  
56BCCB

# Trichromacy



**Original Color**  
27C855



**Protanomaly**  
88B750



**Deuteranomaly**  
94B25B



**Tritanomaly**  
45C0A0

# Monochromacy



**Original Color**  
27C855



**Achromatopsia**  
8B8B8B



**Achromatomaly**  
67A177

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 27C855 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 #27C855 looks like.

```
.text, #text, p{  
    color:#27C855  
}
```

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 #27C855 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27C855
}
```

## Border

The CSS property to change the border of an element to Hex 27C855 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
#27C855 }
```

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

```
.border{ border-color:#27C855 }
```

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

Here you see how a box with a 4 pixel #27C855 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27C855; -webkit-box-shadow:4px 4px  
4px 4px #27C855; box-shadow:4px 4px 4px  
4px #27C855 }
```

# Background

The CSS property to change the background color of an element to Hex 27C855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27C855 }
```

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

```
.background{ background-color:#27C855 }
```

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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