

# Converting Colors

Hex(27CA6F)

Have a look what the booklet for  
Hex(27CA6F) contains.

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**Color**

**Hex(27CA6F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	27CA6F
RGB	39, 202, 111
RGB Percent	15%, 79%, 44%
CMY	0.8471, 0.2078, 0.5647
CMYK	0.81, 0.00, 0.45, 0.21
HSL	147°, 68%, 47%
HSV	147°, 81%, 79%
XYZ	24.8265, 43.8201, 22.1886
YIQ	142.8890, -67.9370, -62.8570

# Conversions

## Conversions Part 2

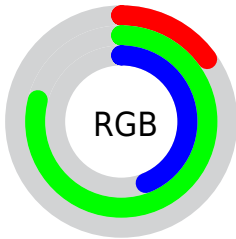
Format	Color
<a href="#">RYB</a>	<a href="#">39, 152, 202</a>
Decimal	<a href="#">2607727</a>
CIELab	<a href="#">72.11, -60.16, 34.22</a>
CIELCh	<a href="#">72, 69.210, 150.370</a>
Yxy	<a href="#">43.8201, 0.2733, 0.4824</a>
Android (android.graphics.Color)	<a href="#">4280797807 (0xFF27CA6F)</a>
YUV	<a href="#">142.8890, -15.7213, -91.1107</a>
Hunter-Lab	<a href="#">66.1967, -48.8995, 26.4642</a>

# Details

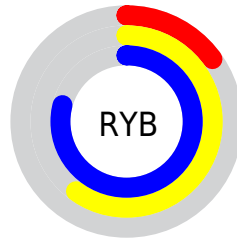
The Hex color **27CA6F** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **CA2782**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **70FFA4**, and **00923D** is the 20% darker color. If you saturate the color by 10%, you get **13CA64**, and if you desaturate by 10%, it is **3BCA7A**.

# Distribution



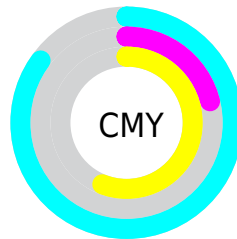
- Red (15%)
- Green (79%)
- Blue (44%)



- Red (15%)
- Yellow (60%)
- Blue (79%)



- Cyan (81%)
- Magenta (0%)
- Yellow (45%)
- Black (21%)



- Cyan (85%)
- Magenta (21%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 27CA6F 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 27CA6F by changing the saturation by 10% instead.



 27CA6F

 27CA6F

FFFFFF

 00AE56

 70FFA4

 00923D

 90FFBF

 007825

 AEFFDB

 005E0B

 CCFFF8

 004400

 EBFFF8

 002D00

 000E00

 000000

 27CA6F

 27CA6F

 13CA64

 3BCA7A

 00CA59

 4FCA86

 64CA91

 78CA9C

 8CCAA7

 A0CAB3

 B4CABE

 C9CAC9

 DDCAD4

# Harmonies

## Analogous

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



91C039



27CA6F



00CFB0

# Triad

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



27CA6F



00B8FF



FF7D75

# Complementary

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



27CA6F



CA2782

# 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.



FF74B3



27CA6F



B1A0FF

# Square

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



27CA6F



00C7FF



FE84F0



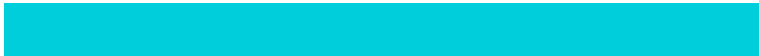
FF9640

# Rectangle

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



27CA6F



00CFDB



FE84F0



FF7789

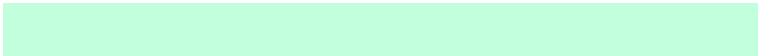


# Sweetspot

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



27CA6F



C2FFDD



83CA27



5B806B



000000



808080



# Same Dimension

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



27CA6F



08FF75



27CABF



5C6660



00A649



002611



# Inverse Universe

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



CA2782



FF0892



CA2732



665C61



A6005D



260015



# Previews

## White Background



This preview shows how the Hex color 27CA6F looks on a white background.

## Color Contrast Check

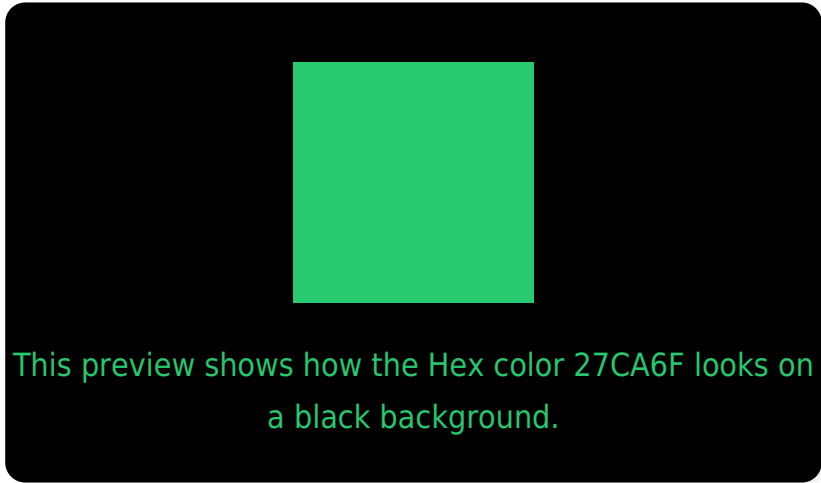
Large Text (above 18pt) WCAG AA × Fail

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

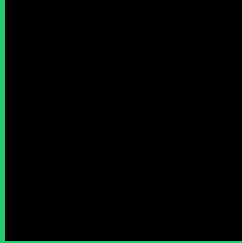
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 27CA6F Background



This preview shows how black text looks on a background with the Hex color 27CA6F.

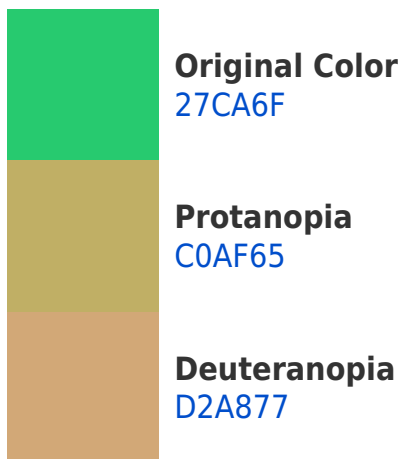


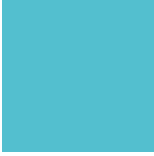
This preview shows how white text looks on a background with the Hex color 27CA6F.

# 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**  
53BFCF

# Trichromacy



**Original Color**  
27CA6F



**Protanomaly**  
88B969



**Deuteranomaly**  
94B474



**Tritanomaly**  
43C3AC

# Monochromacy



**Original Color**  
27CA6F



**Achromatopsia**  
8F8F8F



**Achromatomaly**  
69A483

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 27CA6F 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 #27CA6F looks like.

```
.text, #text, p{  
    color:#27CA6F  
}
```

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 #27CA6F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27CA6F
}
```

## Border

The CSS property to change the border of an element to Hex 27CA6F 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
#27CA6F }
```

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

```
.border{ border-color:#27CA6F }
```

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

Here you see how a box with a 4 pixel #27CA6F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27CA6F; -webkit-box-shadow:4px 4px  
4px 4px #27CA6F; box-shadow:4px 4px 4px  
4px #27CA6F }
```

# Background

The CSS property to change the background color of an element to Hex 27CA6F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27CA6F }
```

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

```
.background{ background-color:#27CA6F }
```

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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