

# Converting Colors

Hex(27BD4B)

Have a look what the booklet for  
Hex(27BD4B) contains.

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**Color**

**Hex(27BD4B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	27BD4B
RGB	39, 189, 75
RGB Percent	15%, 74%, 29%
CMY	0.8471, 0.2588, 0.7059
CMYK	0.79, 0.00, 0.60, 0.26
HSL	134°, 66%, 45%
HSV	134°, 79%, 74%
XYZ	20.3043, 37.3345, 12.7927
YIQ	131.1540, -52.8060, -67.2540

# Conversions

## Conversions Part 2

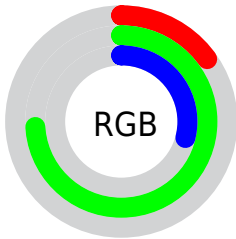
Format	Color
<a href="#">RYB</a>	<a href="#">39, 160, 189</a>
Decimal	<a href="#">2604363</a>
CIELab	<a href="#">67.53, -61.14, 46.06</a>
CIElCh	<a href="#">68, 76.542, 143.007</a>
Yxy	<a href="#">37.3345, 0.2883, 0.5301</a>
Android (android.graphics.Color)	<a href="#">4280794443 (0xFF27BD4B)</a>
YUV	<a href="#">131.1540, -27.6839, -80.8191</a>
Hunter-Lab	<a href="#">61.1020, -47.6126, 30.3580</a>

# Details

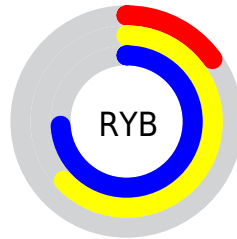
The Hex color **27BD4B** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **BD2799**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **6EF67F**, and **008615** is the 20% darker color. If you saturate the color by 10%, you get **14BD3D**, and if you desaturate by 10%, it is **3ABD59**.

# Distribution



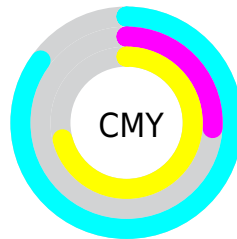
- Red (15%)
- Green (74%)
- Blue (29%)



- Red (15%)
- Yellow (63%)
- Blue (74%)



- Cyan (79%)
- Magenta (0%)
- Yellow (60%)
- Black (26%)



- Cyan (85%)
- Magenta (26%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 27BD4B 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 27BD4B by changing the saturation by 10% instead.



 27BD4B

 27BD4B

FFFFFF

 00A131

 6EF67F

 008615

 8DFF9A

 006C00

 ABFFB6

 005200

 C9FFD2

 003A00

 E8FFE7

 002200

 000000

 27BD4B

 27BD4B

 14BD3D

 3ABD59

01BD2E

4DBD68

00BD2D

60BD76

73BD84

86BD93

98BDA1

ABBDB0

BEBDBE

D1BDCC

# Harmonies

## Analogous

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



92B100



27BD4B



00C391

# Triad

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



27BD4B



00B2FF



FF6273

# Complementary

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



27BD4B



BD2799

# 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.



FF5DB8



27BD4B



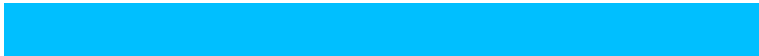
8199FF

# Square

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



27BD4B



00BFFF



E778F9



FF7E34

# Rectangle

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



27BD4B



00C4C2



E778F9



FF5C89

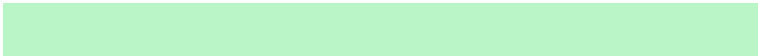


# Sweetspot

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



27BD4B



BAF5C8



9ABD27



577A5F



FAFAFA



7A7A7A



# Same Dimension

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



27BD4B



0CF544



27BD95



555E57



009E26



001F07



# Inverse Universe

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



BD2799



F50CBD



BD274F



5E555C



9E0078



1F0017



# Previews

## White Background



This preview shows how the Hex color 27BD4B looks on a white background.

## Color Contrast Check

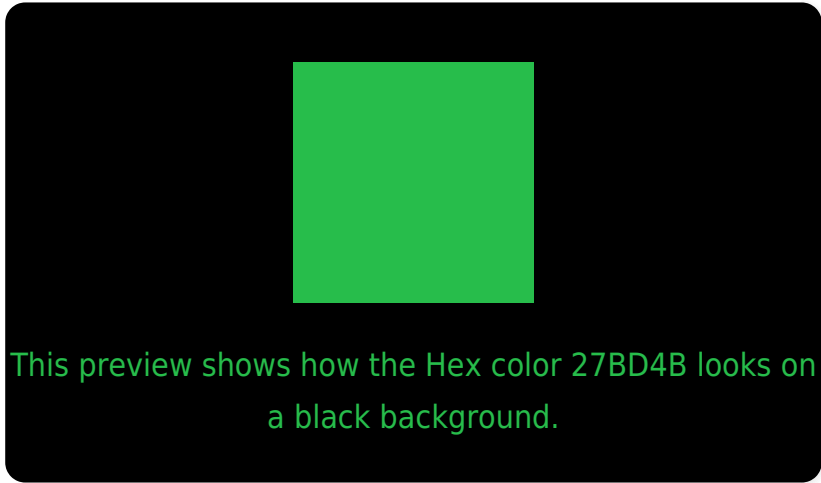
Large Text (above 18pt) WCAG AA × Fail

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 27BD4B Background



This preview shows how black text looks on a background with the Hex color 27BD4B.

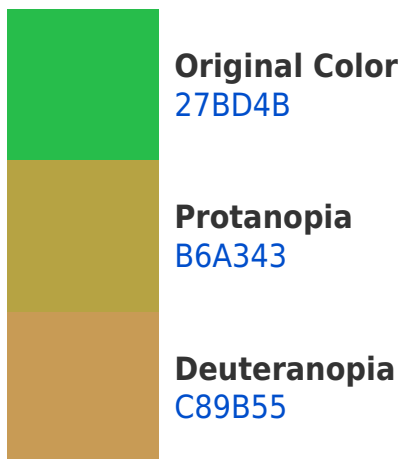


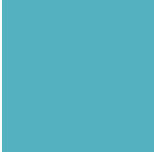
This preview shows how white text looks on a background with the Hex color 27BD4B.

# 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**  
53B1C0

# Trichromacy



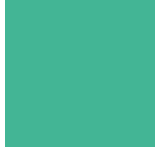
**Original Color**  
27BD4B



**Protanomaly**  
82AC46



**Deuteranomaly**  
8DA751



**Tritanomaly**  
43B595

# Monochromacy



**Original Color**  
27BD4B



**Achromatopsia**  
838383



**Achromatomaly**  
62986F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 27BD4B 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 #27BD4B looks like.

```
.text, #text, p{  
    color:#27BD4B  
}
```

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 #27BD4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27BD4B
}
```

## Border

The CSS property to change the border of an element to Hex 27BD4B 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
#27BD4B }
```

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

```
.border{ border-color:#27BD4B }
```

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

Here you see how a box with a 4 pixel #27BD4B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27BD4B; -webkit-box-shadow:4px 4px  
4px 4px #27BD4B; box-shadow:4px 4px 4px  
4px #27BD4B }
```

# Background

The CSS property to change the background color of an element to Hex 27BD4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27BD4B }
```

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

```
.background{ background-color:#27BD4B }
```

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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