

Converting Colors

Hex(27BE4D)

Have a look what the booklet for
Hex(27BE4D) contains.

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Color

Hex(27BE4D)

Conversions

Conversions Part 1

Format	Color
Hex	27BE4D
RGB	39, 190, 77
RGB Percent	15%, 75%, 30%
CMY	0.8471, 0.2549, 0.6980
CMYK	0.79, 0.00, 0.59, 0.25
HSL	135°, 66%, 45%
HSV	135°, 79%, 75%
XYZ	20.5897, 37.7941, 13.2310
YIQ	131.9690, -53.7230, -67.1550

Conversions

Conversions Part 2

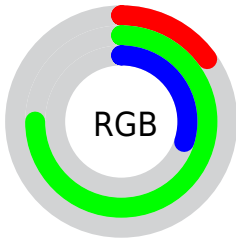
Format	Color
RYB	39, 160, 190
Decimal	2604621
CIELab	67.87, -61.21, 45.54
CIELCh	68, 76.294, 143.353
Yxy	37.7941, 0.2875, 0.5277
Android (android.graphics.Color)	4280794701 (0xFF27BE4D)
YUV	131.9690, -27.0997, -81.5338
Hunter-Lab	61.4769, -47.8017, 30.2735

Details

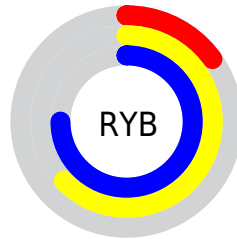
The Hex color **27BE4D** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **BE2798**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **6EF881**, and **008718** is the 20% darker color. If you saturate the color by 10%, you get **14BE3F**, and if you desaturate by 10%, it is **3ABE5B**.

Distribution



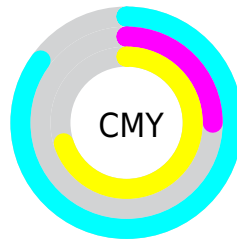
- Red (15%)
- Green (75%)
- Blue (30%)



- Red (15%)
- Yellow (63%)
- Blue (75%)



- Cyan (79%)
- Magenta (0%)
- Yellow (59%)
- Black (25%)



- Cyan (85%)
- Magenta (25%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 27BE4D 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 27BE4D by changing the saturation by 10% instead.

 27BE4D

 27BE4D

FFFFFF

 00A233

 6EF881

 008718

 8DFF9C

 006D00

 ABFFB8

 005300

 CAFFD4

 003A00

 E8FFF1

 002200

 000000

 27BE4D

 27BE4D

 14BE3F

 3ABE5B

 01BE31

 4DBE69

 00BE30

 60BE78

 73BE86

 86BE94

 99BEA2

 ACBEB1

 BFBEBF

 D2BECD

Harmonies

Analogous

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



92B200



27BE4D



00C493

Triad

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



27BE4D



00B2FF



FF6373

Complementary

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



27BE4D



BE2798

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.



FF5FB8



27BE4D



849AFF

Square

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



27BE4D



00C0FF



E979F9



FF8034

Rectangle

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



27BE4D



00C5C3



E979F9



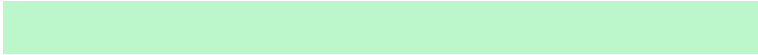
FF5E8A

Sweetspot

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



27BE4D



BCF7CB



98BE27



597D62



FCFCFC



7D7D7D

Same Dimension

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



27BE4D



0CF748



27BE98



555E57



009E28



001F08

Inverse Universe

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



BE2798



F70CBC



BE274D



5E555C



9E0076



1F0017

Previews

White Background



This preview shows how the Hex color 27BE4D looks on a white background.

Color Contrast Check

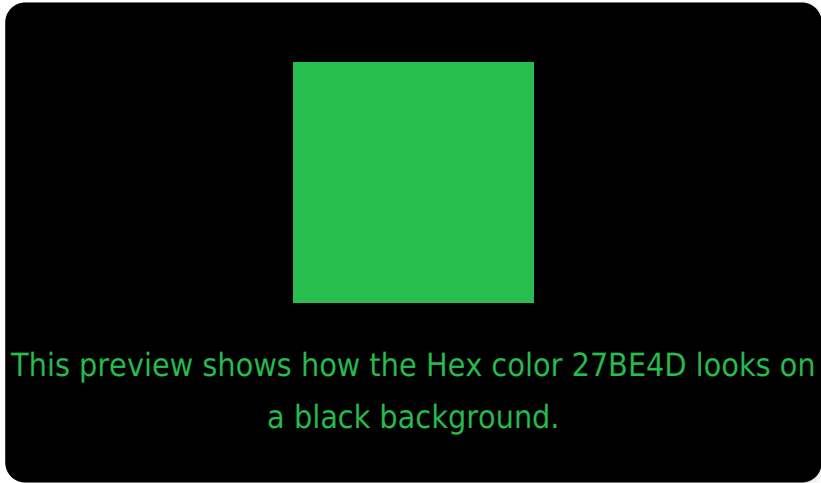
Large Text (above 18pt) WCAG AA × Fail

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

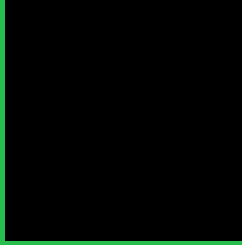
Any Text WCAG AA ✓ Pass

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 27BE4D Background



This preview shows how black text looks on a background with the Hex color 27BE4D.



This preview shows how white text looks on a background with the Hex color 27BE4D.

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](#).

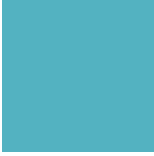
Dichromacy



Original Color
27BE4D

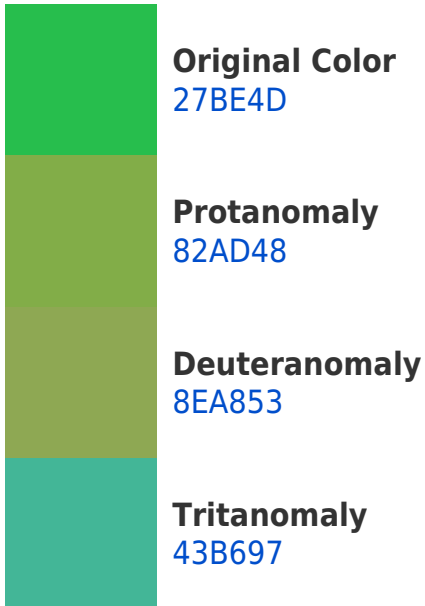
Protanopia
B6A445

Deuteranopia
C99C57

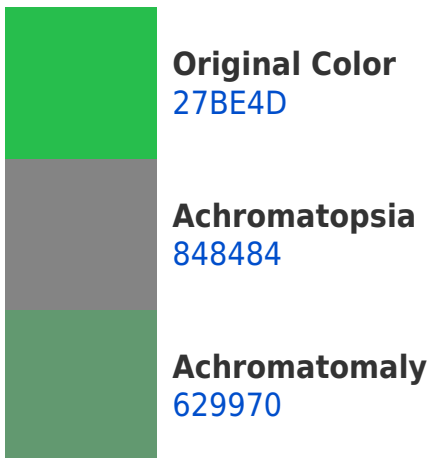


Tritanopia
53B2C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 27BE4D 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 #27BE4D looks like.

```
.text, #text, p{  
    color:#27BE4D  
}
```

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 #27BE4D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27BE4D
}
```

Border

The CSS property to change the border of an element to Hex 27BE4D 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
#27BE4D }
```

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

```
.border{ border-color:#27BE4D }
```

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

Here you see how a box with a 4 pixel #27BE4D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27BE4D; -webkit-box-shadow:4px 4px  
4px 4px #27BE4D; box-shadow:4px 4px 4px  
4px #27BE4D }
```

Background

The CSS property to change the background color of an element to Hex 27BE4D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27BE4D }
```

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

```
.background{ background-color:#27BE4D }
```

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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