

Converting Colors

Hex(27B517)

Have a look what the booklet for
Hex(27B517) contains.

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Color

Hex(27B517)

Conversions

Conversions Part 1

Format	Color
Hex	27B517
RGB	39, 181, 23
RGB Percent	15%, 71%, 9%
CMY	0.8471, 0.2902, 0.9098
CMYK	0.78, 0.00, 0.87, 0.29
HSL	114°, 77%, 40%
HSV	114°, 87%, 71%
XYZ	17.5152, 33.5409, 6.3615
YIQ	120.5300, -33.9140, -79.2420

Conversions

Conversions Part 2

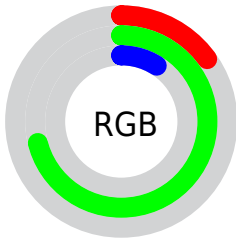
Format	Color
R_{YB}	23, 181, 165
Decimal	2602263
CIE _{Lab}	64.60, -62.87, 61.35
CIE _{LCh}	65, 87.844, 135.699
Yxy	33.5409, 0.3050, 0.5842
Android (android.graphics.Color)	4280792343 (0xFF27B517)
YUV	120.5300, -48.0823, -71.5018
Hunter-Lab	57.9145, -47.3663, 34.0276

Details


The Hex color **27B517** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **A517B5**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **6FEE55**, and **007E00** is the 20% darker color. If you saturate the color by 10%, you get **17B505**, and if you desaturate by 10%, it is **37B529**.

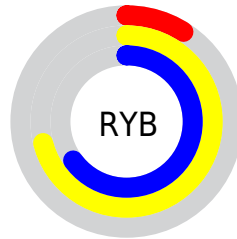
Distribution



 Red (15%)

 Green (71%)

 Blue (9%)




 Red (9%)

 Yellow (71%)

 Blue (65%)

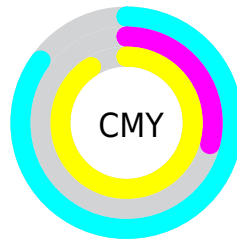



 Cyan (78%)


 Magenta (0%)

 Yellow (87%)

 Black (29%)



 Cyan (85%)

 Magenta (29%)

 Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 27B517 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 27B517 by changing the saturation by 10% instead.

 27B517

 27B517

FFFFFF

 009900

 6FEE55

 007E00

 8DFF71

 006400

 ACFF8C

 004B00

 CAFFA9

 003400

 E8FFC5

 001900

 FFFFE2

 000000

 27B517

 27B517

 17B505

 37B529

 12B500

 48B53B

 58B54D

 68B55F

 78B572

 89B584

 99B596

 A9B5A8

 B9B5BA

Harmonies

Analogous

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



97A600



27B517



00BC73

Triad

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



27B517



00B1FF



FF3B77

Complementary

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



27B517



A517B5

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.



FF43C6



27B517



0098FF

Square

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



27B517



00BCFF



D171FF



FF642B

Rectangle

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



27B517



00BEAA



D171FF



FF3591

Sweetspot

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



27B517



B4EBAE



B5A317



557551



F5F5F5



757575

Same Dimension

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



27B517



18EB00



17B554



515950



0F9900



031A00

Inverse Universe

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



A517B5



D300EB



B51778



585059



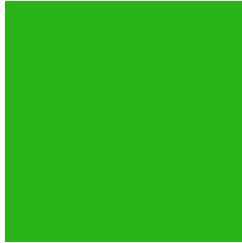
8A0099



17001A

Previews

White Background



This preview shows how the Hex color 27B517 looks on a white background.

Color Contrast Check

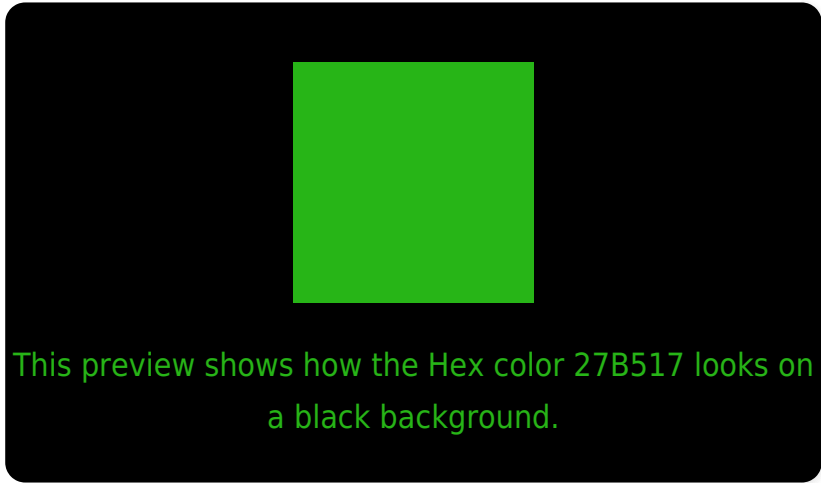
Large Text (above 18pt) WCAG AA × Fail

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 27B517 Background



This preview shows how black text looks on a background with the Hex color 27B517.

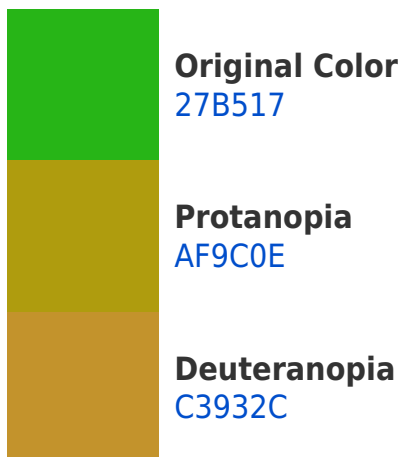


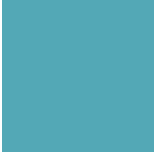
This preview shows how white text looks on a background with the Hex color 27B517.

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
53A8B6

Trichromacy



Original Color
27B517



Protanomaly
7EA511



Deuteranomaly
8A9F24



Tritanomaly
43AD7C

Monochromacy



Original Color
27B517



Achromatopsia
797979



Achromatomaly
5B8F55

CSS Examples

Text

The CSS property to change the color of the text to Hex 27B517 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 #27B517 looks like.

```
.text, #text, p{  
    color:#27B517  
}
```

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 #27B517 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27B517
}
```

Border

The CSS property to change the border of an element to Hex 27B517 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
#27B517 }
```

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

```
.border{ border-color:#27B517 }
```

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

Here you see how a box with a 4 pixel #27B517 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27B517; -webkit-box-shadow:4px 4px  
4px 4px #27B517; box-shadow:4px 4px 4px  
4px #27B517 }
```

Background

The CSS property to change the background color of an element to Hex 27B517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27B517 }
```

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

```
.background{ background-color:#27B517 }
```

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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