

Converting Colors

Hex(27DB1A)

Have a look what the booklet for
Hex(27DB1A) contains.

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Color

Hex(27DB1A)

Conversions

Conversions Part 1

Format	Color
Hex	27DB1A
RGB	39, 219, 26
RGB Percent	15%, 86%, 10%
CMY	0.8471, 0.1412, 0.8980
CMYK	0.82, 0.00, 0.88, 0.14
HSL	116°, 79%, 48%
HSV	116°, 88%, 86%
XYZ	26.3547, 51.1690, 9.4648
YIQ	143.1780, -45.3270, -98.1830

Conversions

Conversions Part 2

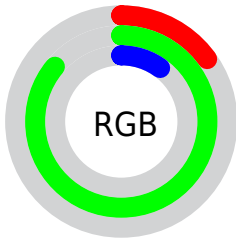
Format	Color
RYB	26, 219, 206
Decimal	2611994
CIELab	76.78, -73.87, 71.37
CIELCh	77, 102.720, 135.987
Yxy	51.1690, 0.3030, 0.5882
Android (android.graphics.Color)	4280802074 (0xFF27DB1A)
YUV	143.1780, -57.7688, -91.3641
Hunter-Lab	71.5325, -59.4172, 42.2278

Details

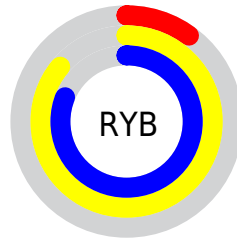
The Hex color **27DB1A** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **CE1ADB**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **78FF5D**, and **00A200** is the 20% darker color. If you saturate the color by 10%, you get **13DB04**, and if you desaturate by 10%, it is **3BDB30**.

Distribution



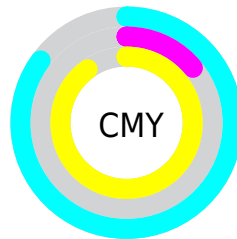
- Red (15%)
- Green (86%)
- Blue (10%)



- Red (10%)
- Yellow (86%)
- Blue (81%)



- Cyan (82%)
- Magenta (0%)
- Yellow (88%)
- Black (14%)



- Cyan (85%)
- Magenta (14%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 27DB1A 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 27DB1A by changing the saturation by 10% instead.

 27DB1A

 27DB1A

FFFFFF

 00BE00

 78FF5D

 00A200

 98FF7A

 008700

 B8FF97

 006C00

 D8FFB4

 005200

 F7FFD1

 003A00

 FFFFEF

 002000

 000000

 27DB1A

 27DB1A

 13DB04

 3BDB30

 0FDB00

 50DB46

 64DB5C

 79DB72

 8DDB88

 A2DB9D

 B6DBB3

 CADBC9

 DFDBDF

Harmonies

Analogous

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



B5C900



27DB1A



00E48C

Triad

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



27DB1A



00D6FF



FF458F

Complementary

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



27DB1A



CE1ADB

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.



FF4EEE



27DB1A



00B8FF

Square

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



27DB1A



00E3FF



FE88FF



FF7932

Rectangle

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



27DB1A



00E6CF



FE88FF



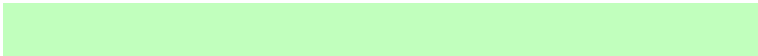
FF3DAF

Sweetspot

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



27DB1A



C1FFBD



DBC1A



5B8058



000000



808080

Same Dimension

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



27DB1A



11FF00



1ADB6A



636E63



0CAD00



032E00

Inverse Universe

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



CE1ADB



EE00FF



DB1A8B



6D636E



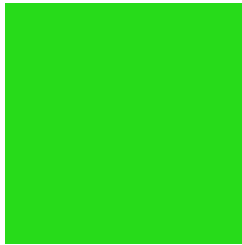
A200AD



2B002E

Previews

White Background



This preview shows how the Hex color 27DB1A looks on a white background.

Color Contrast Check

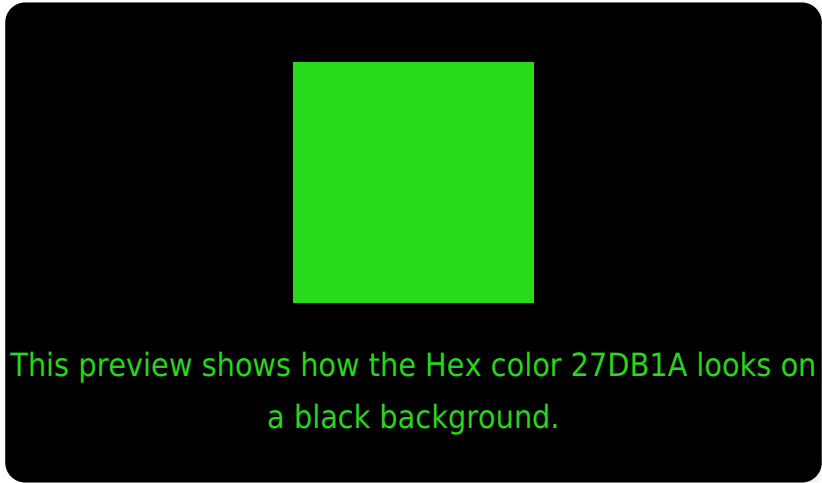
Large Text (above 18pt) WCAG AA × Fail

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

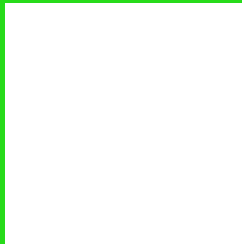
Any Text WCAG AAA ✓ Pass

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

Hex 27DB1A Background



This preview shows how black text looks on a background with the Hex color 27DB1A.

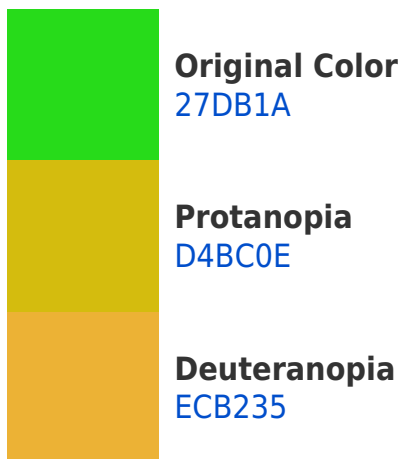


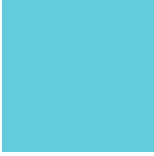
This preview shows how white text looks on a background with the Hex color 27DB1A.

Color Blindness Simulation

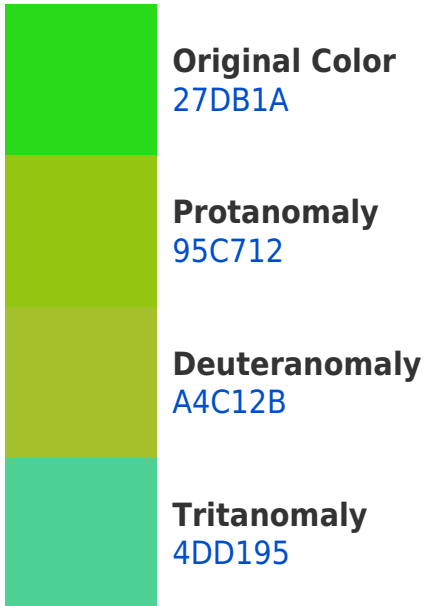
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

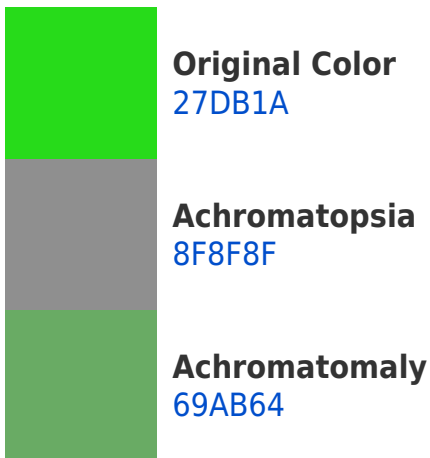




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 27DB1A 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 #27DB1A looks like.

```
.text, #text, p{  
    color:#27DB1A  
}
```

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 #27DB1A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27DB1A
}
```

Border

The CSS property to change the border of an element to Hex 27DB1A 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
#27DB1A }
```

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

```
.border{ border-color:#27DB1A }
```

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

Here you see how a box with a 4 pixel #27DB1A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27DB1A; -webkit-box-shadow:4px 4px  
4px 4px #27DB1A; box-shadow:4px 4px 4px  
4px #27DB1A }
```

Background

The CSS property to change the background color of an element to Hex 27DB1A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27DB1A }
```

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

```
.background{ background-color:#27DB1A }
```

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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