

Converting Colors

Hex(27AF21)

Have a look what the booklet for
Hex(27AF21) contains.

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Color

Hex(27AF21)

Conversions

Conversions Part 1

Format	Color
Hex	27AF21
RGB	39, 175, 33
RGB Percent	15%, 69%, 13%
CMY	0.8471, 0.3137, 0.8706
CMYK	0.78, 0.00, 0.81, 0.31
HSL	117°, 68%, 41%
HSV	117°, 81%, 69%
XYZ	16.4412, 31.2011, 6.5947
YIQ	118.1480, -35.4740, -72.9940

Conversions

Conversions Part 2

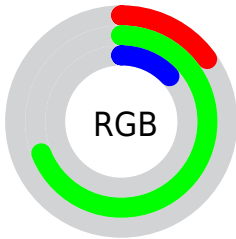
Format	Color
RYB	33, 175, 169
Decimal	2600737
CIELab	62.68, -60.53, 57.11
CIELCh	63, 83.219, 136.668
Yxy	31.2011, 0.3031, 0.5753
Android (android.graphics.Color)	4280790817 (0xFF27AF21)
YUV	118.1480, -41.9780, -69.4128
Hunter-Lab	55.8579, -45.2118, 32.1006

Details

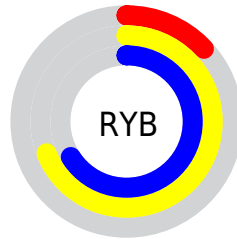
The Hex color **27AF21** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **A921AF**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **6DE85A**, and **007900** is the 20% darker color. If you saturate the color by 10%, you get **16AF0F**, and if you desaturate by 10%, it is **38AF32**.

Distribution



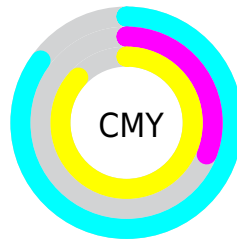
- Red (15%)
- Green (69%)
- Blue (13%)



- Red (13%)
- Yellow (69%)
- Blue (66%)



- Cyan (78%)
- Magenta (0%)
- Yellow (81%)
- Black (31%)



- Cyan (85%)
- Magenta (31%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 27AF21 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 27AF21 by changing the saturation by 10% instead.

 27AF21

 27AF21


FFFFFF

 009400

 6DE85A

 007900

 8BFF75

 005F00

 A9FF91

 004600

 C7FFAD

 002F00

 E5FFC9

 001100

 FFFFE6

 000000

 27AF21

 27AF21

 16AF0F

 38AF32

07AF00

49AF44

59AF55

6AAF67

7BAF78

8CAF8A

9CAF9B

ADAFAD

BEAFBF

Harmonies

Analogous

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



90A100



27AF21



00B673

Triad

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



27AF21



00AAFF



FF4072

Complementary

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



27AF21



A921AF

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.



FF45BC



27AF21



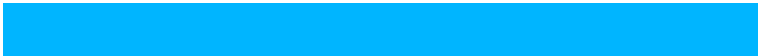
2892FF

Square

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



27AF21



00B5FF



CD6EFE



FF652B

Rectangle

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



27AF21



00B8A7



CD6EFE



FF3B8A

Sweetspot

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



27AF21



AFE3AC



AFA821



537351



F2F2F2



737373

Same Dimension

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



27AF21



10E307



21AF61



4E574E



069600



011700

Inverse Universe

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



A921AF



DA07E3



AF216F



564E57



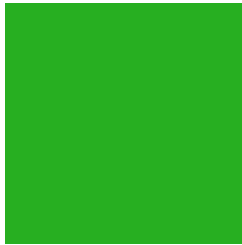
900096



160017

Previews

White Background



This preview shows how the Hex color 27AF21 looks on a white background.

Color Contrast Check

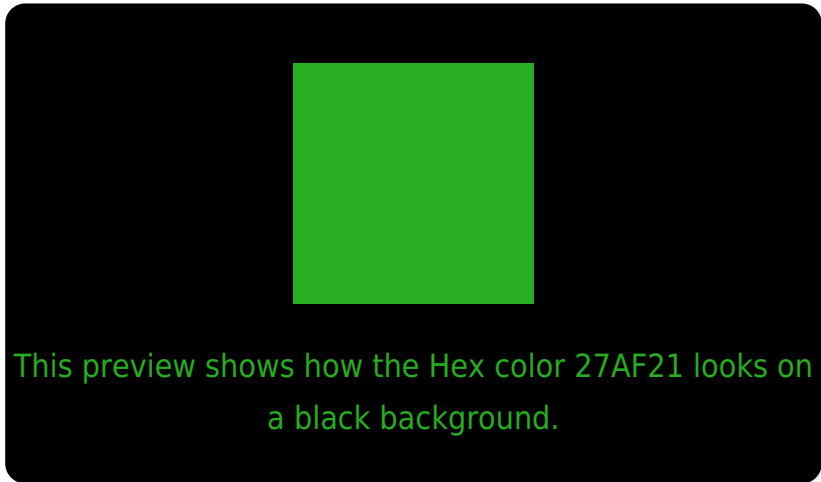
Large Text (above 18pt) WCAG AA × Fail

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 27AF21 Background



This preview shows how black text looks on a background with the Hex color 27AF21.

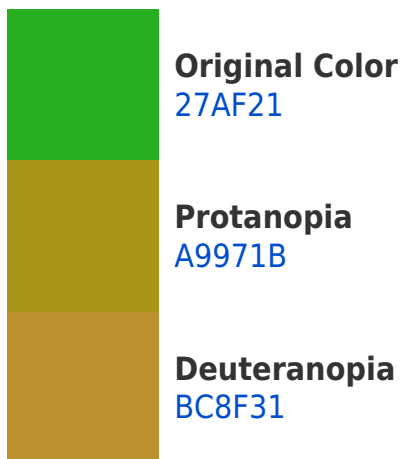


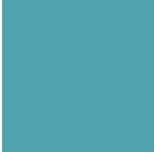
This preview shows how white text looks on a background with the Hex color 27AF21.

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
51A3B0

Trichromacy



Original Color
27AF21



Protanomaly
7AA01D



Deuteranomaly
869B2B



Tritanomaly
42A77C

Monochromacy



Original Color
27AF21



Achromatopsia
767676



Achromatomaly
598B57

CSS Examples

Text

The CSS property to change the color of the text to Hex 27AF21 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 #27AF21 looks like.

```
.text, #text, p{  
  color:#27AF21  
}
```

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 #27AF21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27AF21
}
```

Border

The CSS property to change the border of an element to Hex 27AF21 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
#27AF21 }
```

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

```
.border{ border-color:#27AF21 }
```

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

Here you see how a box with a 4 pixel #27AF21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27AF21; -webkit-box-shadow:4px 4px  
4px 4px #27AF21; box-shadow:4px 4px 4px  
4px #27AF21 }
```

Background

The CSS property to change the background color of an element to Hex 27AF21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27AF21 }
```

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

```
.background{ background-color:#27AF21 }
```

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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