

Converting Colors

Hex(27A550)

Have a look what the booklet for
Hex(27A550) contains.

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Color

Hex(27A550)

Conversions

Conversions Part 1

Format	Color
Hex	27A550
RGB	39, 165, 80
RGB Percent	15%, 65%, 31%
CMY	0.8471, 0.3529, 0.6863
CMYK	0.76, 0.00, 0.52, 0.35
HSL	140°, 62%, 40%
HSV	140°, 76%, 65%
XYZ	15.7398, 27.9208, 12.1491
YIQ	117.6360, -47.8110, -53.1470

Conversions

Conversions Part 2

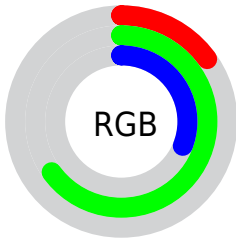
Format	Color
RYB	39, 134, 165
Decimal	2598224
CIELab	59.82, -52.23, 34.43
CIELCh	60, 62.556, 146.602
Yxy	27.9208, 0.2820, 0.5003
Android (android.graphics.Color)	4280788304 (0xFF27A550)
YUV	117.6360, -18.5545, -68.9638
Hunter-Lab	52.8401, -39.2994, 23.3560

Details

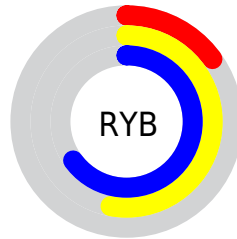
The Hex color **27A550** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **A5277C**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **68DD83**, and **00701F** is the 20% darker color. If you saturate the color by 10%, you get **16A545**, and if you desaturate by 10%, it is **37A55B**.

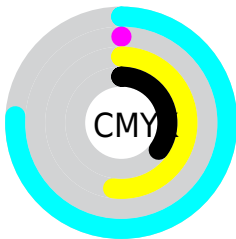
Distribution



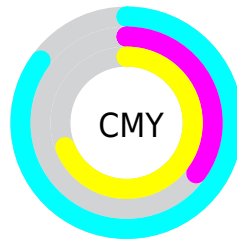
- Red (15%)
- Green (65%)
- Blue (31%)



- Red (15%)
- Yellow (53%)
- Blue (65%)



- Cyan (76%)
- Magenta (0%)
- Yellow (52%)
- Black (35%)



- Cyan (85%)
- Magenta (35%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 27A550 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 27A550 by changing the saturation by 10% instead.

 27A550

 27A550

FFFFFF

 008A38

 68DD83

 00701F

 86FA9D

 005605

 A3FFB9

 003D00

 C0FFD5

 002700

 DEFFF1

 000000

 FCFFFF

 27A550

 27A550

 16A545

 37A55B

06A53A

48A566

00A536

58A571

69A57D

79A588

8AA593

9AA59E

ABA5A9

BBA5B4

Harmonies

Analogous

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



7B9B20



27A550



00A988

Triad

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



27A550



0098FE



F16062

Complementary

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



27A550



A5277C

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.



EF5A99



27A550



8484F3

Square

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



27A550



00A5EB



CC6BCE



DA7533

Rectangle

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



27A550



00AAAE



CC6BCE



F35B74

Sweetspot

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



27A550



A5D6B5



7DA527



4D6B57



EBEBEB



6B6B6B

Same Dimension

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



27A550



11D651



27A58E



49524C



00912F



001206

Inverse Universe

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



A5277C



D61196



A5273E



52494F



910062



12000C

Previews

White Background



This preview shows how the Hex color 27A550 looks on a white background.

Color Contrast Check

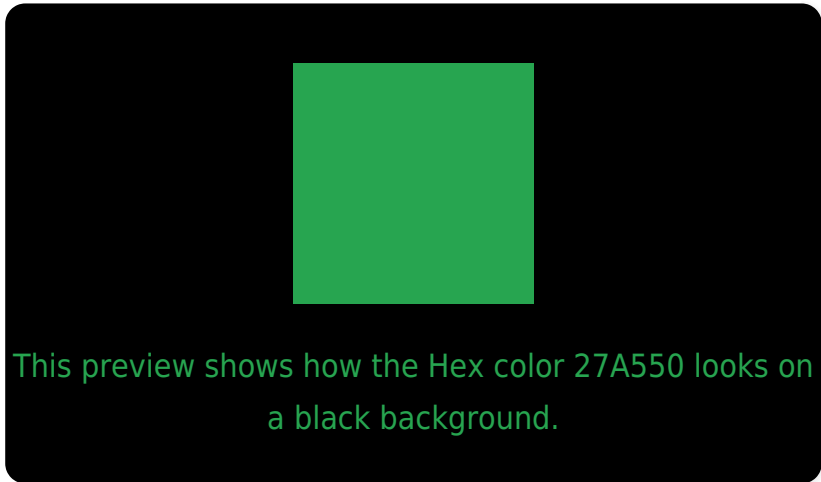
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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

Hex 27A550 Background



This preview shows how black text looks on a background with the Hex color 27A550.

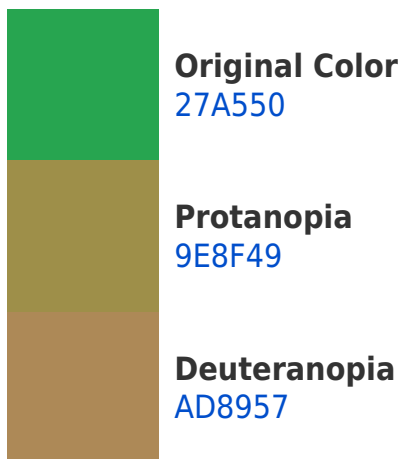


This preview shows how white text looks on a background with the Hex color 27A550.

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
499BA8

Trichromacy



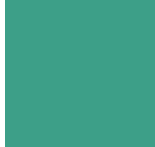
Original Color
27A550



Protanomaly
73974C



Deuteranomaly
7C9354



Tritanomaly
3D9F88

Monochromacy



Original Color
27A550



Achromatopsia
767676



Achromatomaly
598768

CSS Examples

Text

The CSS property to change the color of the text to Hex 27A550 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 #27A550 looks like.

```
.text, #text, p{  
    color:#27A550  
}
```

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 #27A550 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27A550
}
```

Border

The CSS property to change the border of an element to Hex 27A550 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
#27A550 }
```

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

```
.border{ border-color:#27A550 }
```

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

Here you see how a box with a 4 pixel #27A550 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27A550; -webkit-box-shadow:4px 4px  
4px 4px #27A550; box-shadow:4px 4px 4px  
4px #27A550 }
```

Background

The CSS property to change the background color of an element to Hex 27A550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27A550 }
```

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

```
.background{ background-color:#27A550 }
```

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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