

Converting Colors

Hex(27A53F)

Have a look what the booklet for
Hex(27A53F) contains.

Hex(27A53F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(27A53F)

Conversions

Conversions Part 1

Format	Color
Hex	27A53F
RGB	39, 165, 63
RGB Percent	15%, 65%, 25%
CMY	0.8471, 0.3529, 0.7529
CMYK	0.76, 0.00, 0.62, 0.35
HSL	131°, 62%, 40%
HSV	131°, 76%, 65%
XYZ	15.1890, 27.7005, 9.2488
YIQ	115.6980, -42.3540, -58.4340

Conversions

Conversions Part 2

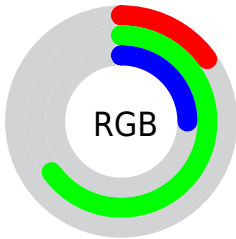
Format	Color
RYB	39, 145, 165
Decimal	2598207
CIELab	59.62, -54.60, 42.46
CIELCh	60, 69.169, 142.133
Yxy	27.7005, 0.2913, 0.5313
Android (android.graphics.Color)	4280788287 (0xFF27A53F)
YUV	115.6980, -25.9801, -67.2641
Hunter-Lab	52.6312, -40.5907, 26.4229

Details

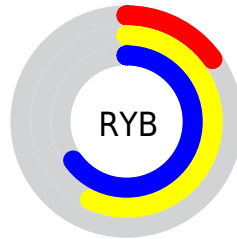
The Hex color **27A53F** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **A5278D**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **69DD72**, and **007007** is the 20% darker color. If you saturate the color by 10%, you get **16A532**, and if you desaturate by 10%, it is **37A54C**.

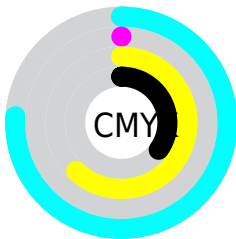
Distribution



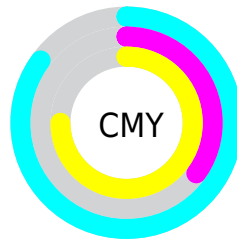
- Red (15%)
- Green (65%)
- Blue (25%)



- Red (15%)
- Yellow (57%)
- Blue (65%)



- Cyan (76%)
- Magenta (0%)
- Yellow (62%)
- Black (35%)



- Cyan (85%)
- Magenta (35%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 27A53F 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 27A53F by changing the saturation by 10% instead.

 27A53F

 27A53F

FFFFFF

 008A25

 69DD72

 007007

 86FA8D

 005600

 A4FFA8

 003D00

 C1FFC4

 002700

 DFFFE0

 000000

 FDFFFD

 27A53F

 27A53F

 16A532

 37A54C

■ 06A524

■ 48A55A

■ 00A51F

■ 58A567

■ 69A574

■ 79A582

■ 8AA58F

■ 9AA59C

■ ABA5AA

■ BBA5B7

Harmonies

Analogous

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



819A00



27A53F



00AA7D

Triad

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



27A53F



009CFF



FA5466

Complementary

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



27A53F



A5278D

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.



F451A2



27A53F



6C86FF

Square

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



27A53F



00A7EF



C96ADB



E46D2E

Rectangle

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



27A53F



00ABA7



C96ADB



FC507A

Sweetspot

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



27A53F



A5D6AE



8EA527



4D6B53



EBEBEB



6B6B6B

Same Dimension

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



27A53F



11D637



27A57D



49524B



00911C



001203

Inverse Universe

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



A5278D



D611B1



A5274F



524950



910076



12000E

Previews

White Background



This preview shows how the Hex color 27A53F looks on a white background.

Color Contrast Check

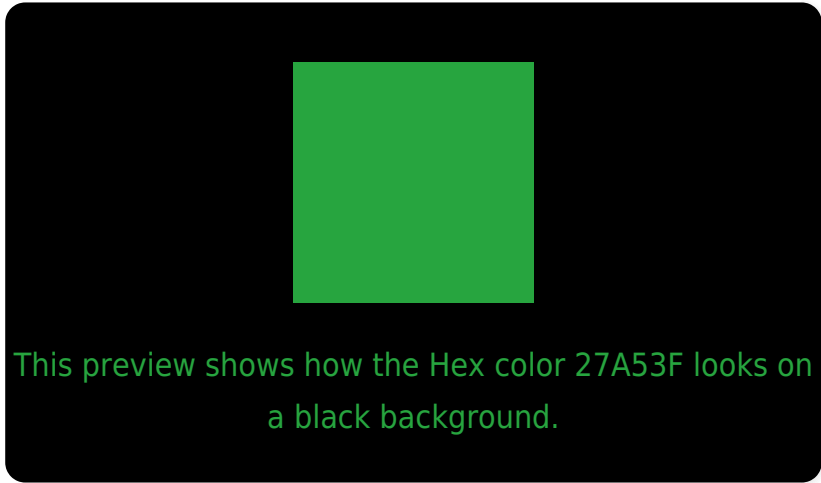
Large Text (above 18pt) WCAG AA ✓ Pass

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

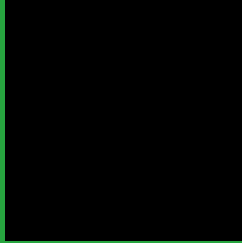
Any Text WCAG AA ✓ Pass

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 27A53F Background



This preview shows how black text looks on a background with the Hex color 27A53F.

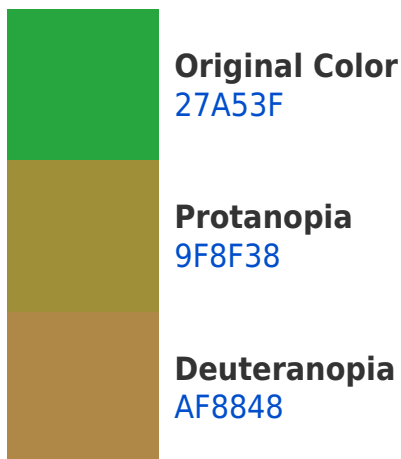


This preview shows how white text looks on a background with the Hex color 27A53F.

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
4B9BA7

Trichromacy



Original Color

27A53F



Protanomaly

73973B



Deuteranomaly

7E9345



Tritanomaly

3E9F81

Monochromacy



Original Color

27A53F



Achromatopsia

747474



Achromatomaly

588661

CSS Examples

Text

The CSS property to change the color of the text to Hex 27A53F 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 #27A53F looks like.

```
.text, #text, p{  
    color:#27A53F  
}
```

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 #27A53F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27A53F
}
```

Border

The CSS property to change the border of an element to Hex 27A53F 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
#27A53F }
```

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

```
.border{ border-color:#27A53F }
```

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

Here you see how a box with a 4 pixel #27A53F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27A53F; -webkit-box-shadow:4px 4px  
4px 4px #27A53F; box-shadow:4px 4px 4px  
4px #27A53F }
```

Background

The CSS property to change the background color of an element to Hex 27A53F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27A53F }
```

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

```
.background{ background-color:#27A53F }
```

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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