

# Converting Colors

Hex(27F55F)

Have a look what the booklet for  
Hex(27F55F) contains.

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# Color

Hex(27F55F)

# Conversions

## Conversions Part 1

Format	Color
Hex	27F55F
RGB	39, 245, 95
RGB Percent	15%, 96%, 37%
CMY	0.8471, 0.0392, 0.6275
CMYK	0.84, 0.00, 0.61, 0.04
HSL	136°, 91%, 56%
HSV	136°, 84%, 96%
XYZ	35.5547, 66.5624, 21.8004
YIQ	166.3060, -74.6260, -90.3220

# Conversions

## Conversions Part 2

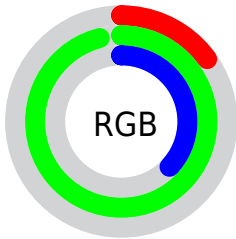
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	39, 201, 245
Decimal	2618719
CIE <sub>Lab</sub>	85.28, -76.30, 57.62
CIE <sub>LCh</sub>	85, 95.611, 142.939
Yxy	66.5624, 0.2869, 0.5372
Android (android.graphics.Color)	4280808799 (0xFF27F55F)
YUV	166.3060, -35.1539, -111.6474
Hunter-Lab	81.5858, -64.9857, 41.2673

# Details

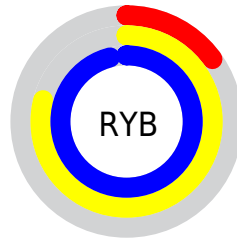
The Hex color **27F55F** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed green. A complement of this color would be **F527BD**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **7CFF96**, and **00BB26** is the 20% darker color. If you saturate the color by 10%, you get **0FF54D**, and if you desaturate by 10%, it is **40F571**.

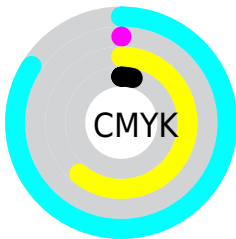
# Distribution



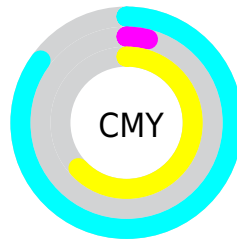
- Red (15%)
- Green (96%)
- Blue (37%)



- Red (15%)
- Yellow (79%)
- Blue (96%)



- Cyan (84%)
- Magenta (0%)
- Yellow (61%)
- Black (4%)



- Cyan (85%)
- Magenta (4%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 27F55F 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 27F55F by changing the saturation by 10% instead.



 27F55F

 27F55F

FFFFFF

 00D843

 7CFF96

 00BB26

 9DFFB2

 009F00

 BDFFCF

 008300

 DDDFFEC

 006800

 FDDFFF

 004E00

 003600

 001B00

 000000

 27F55F

 27F55F


 0FF54D

 40F571

 00F543

 58F583

 71F595

 89F5A6

 A2F5B8

 BAF5CA

 D3F5DC

 EBF5EE

 FFF5FF

# Harmonies

## Analogous

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



BCE500



27F55F



00FDBC

# Triad

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



27F55F



00E6FF



FF7B94

# Complementary

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



27F55F



F527BD

# 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.



FF75EF



27F55F



A3C6FF

# Square

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



27F55F



00F8FF



FF9BFF



FFA341

# Rectangle

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



27F55F



00FEFB



FF9BFF



FF74B2

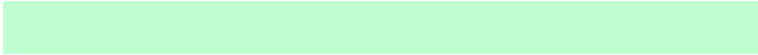


# Sweetspot

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



27F55F



BFFFD1



BEF527



598064



000000



808080



# Same Dimension

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



27F55F



00FF45



27F5C5



6E7A71



00BA33



003B10



# Inverse Universe

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



F527BD



FF00BA



F52757



7A6E77



BA0088

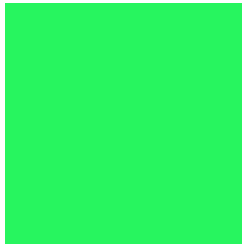


3B002B



# Previews

## White Background



This preview shows how the Hex color 27F55F 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



This preview shows how the Hex color 27F55F looks on a 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

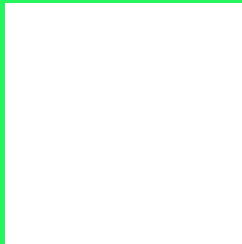
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 27F55F Background



This preview shows how black text looks on a background with the Hex color 27F55F.

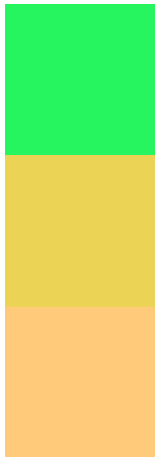


This preview shows how white text looks on a background with the Hex color 27F55F.

# 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](#).

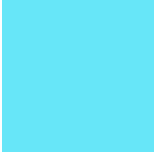
## Dichromacy



**Original Color**  
27F55F

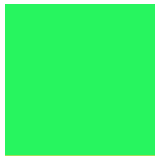
**Protanopia**  
EBD355

**Deuteranopia**  
FFCA7A

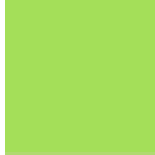


**Tritanopia**  
67E6F8

# Trichromacy



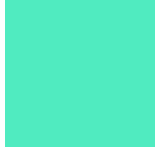
**Original Color**  
27F55F



**Protanomaly**  
A4DF59



**Deuteranomaly**  
B0DA70



**Tritanomaly**  
50EBC0

# Monochromacy



**Original Color**  
27F55F



**Achromatopsia**  
A6A6A6



**Achromatomaly**  
78C38C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 27F55F 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 #27F55F looks like.

```
.text, #text, p{  
    color:#27F55F  
}
```

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 #27F55F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27F55F
}
```

## Border

The CSS property to change the border of an element to Hex 27F55F 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
#27F55F }
```

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

```
.border{ border-color:#27F55F }
```

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

Here you see how a box with a 4 pixel #27F55F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27F55F; -webkit-box-shadow:4px 4px  
4px 4px #27F55F; box-shadow:4px 4px 4px  
4px #27F55F }
```

# Background

The CSS property to change the background color of an element to Hex 27F55F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27F55F }
```

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

```
.background{ background-color:#27F55F }
```

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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