

# Converting Colors

Hex(27FF18)

Have a look what the booklet for  
Hex(27FF18) contains.

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**Color**

**Hex(27FF18)**

# Conversions

## Conversions Part 1

Format	Color
Hex	27FF18
RGB	39, 255, 24
RGB Percent	15%, 100%, 9%
CMY	0.8471, 0.0000, 0.9059
CMYK	0.85, 0.00, 0.91, 0.00
HSL	116°, 100%, 55%
HSV	116°, 91%, 100%
XYZ	36.7616, 72.0173, 12.8273
YIQ	164.0820, -54.5850, -117.6330

# Conversions

## Conversions Part 2

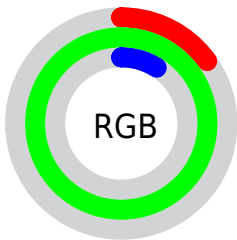
Format	Color
R <sub>Y</sub> B	24, 255, 240
Decimal	2621208
CIE Lab	87.98, -83.88, 81.23
CIE LCh	88, 116.763, 135.921
Yxy	72.0173, 0.3023, 0.5922
Android (android.graphics.Color)	4280811288 (0xFF27FF18)
YUV	164.0820, -69.0604, -109.6969
Hunter-Lab	84.8630, -71.1863, 50.4422

# Details

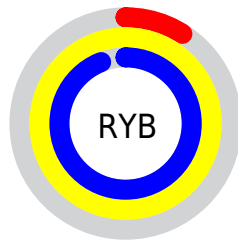
The Hex color **27FF18** is a dark color, and the websafe version is hex **33FF00**. The color can be described as dark washed green. A complement of this color would be **F018FF**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **81FF63**, and **00C400** is the 20% darker color. If you saturate the color by 10%, you get **11FF00**, and if you desaturate by 10%, it is **3FFF31**.

# Distribution



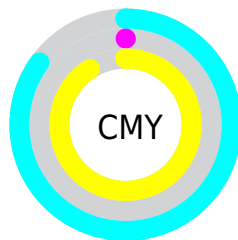
- Red (15%)
- Green (100%)
- Blue (9%)



- Red (9%)
- Yellow (100%)
- Blue (94%)



- Cyan (85%)
- Magenta (0%)
- Yellow (91%)
- Black (0%)



- Cyan (85%)
- Magenta (0%)
- Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 27FF18 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 27FF18 by changing the saturation by 10% instead.



 27FF18

 27FF18

FFFFFF

 00E100

 81FF63

 00C400

 A3FF81

 00A800

 C4FF9F

 008C00

 E5FFBC

 007100

 FFFFDA

 005600

 FFFFF8

 003D00

 002300

 000000

 27FF18

 27FF18

 11FF00

 3FFF31

 57FF4B

 6FFF64

 86FF7E

 9EFF97

 B6FFB1

 CEFFCB

 E6FFE4

 FEFFFD

# Harmonies

## Analogous

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



D3EA00



27FF18



00FFA2

# Triad

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



27FF18



00F9FF



FF4CA7

# Complementary

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



27FF18



F018FF

# 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.



FF58FF



27FF18



00D6FF

# Square

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



27FF18



00FFFF



FF9EFF



FF8C39

# Rectangle

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



27FF18



00FFF1



FF9EFF



FF41CC

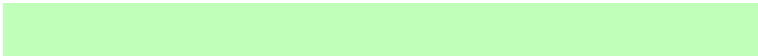


# Sweetspot

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



27FF18



BFFFBA



FFF018



598057



000000



808080



# Same Dimension

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



27FF18



11FF00



18FF7C



748073



0CBF00



044000



# Inverse Universe

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



F018FF



EE00FF



FF189B



7F7380



B300BF

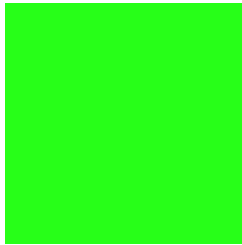


3C0040



# Previews

## White Background



This preview shows how the Hex color 27FF18 looks on a white background.

## Color Contrast Check

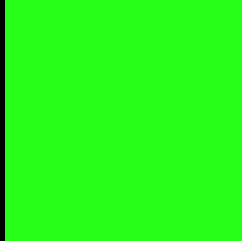
Large Text (above 18pt) WCAG AA × Fail

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 27FF18 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

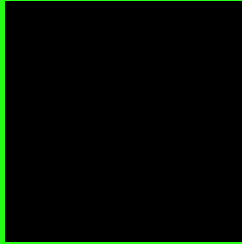
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 27FF18 Background



This preview shows how black text looks on a background with the Hex color 27FF18.



This preview shows how white text looks on a background with the Hex color 27FF18.

# 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](#).

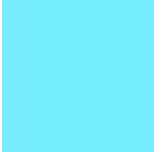
## Dichromacy



**Original Color**  
27FF18

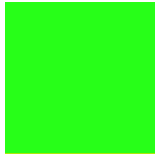
**Protanopia**  
F6DB00

**Deuteranopia**  
FFD391



**Tritanopia**  
76ECFF

# Trichromacy



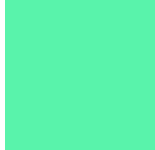
**Original Color**  
27FF18



**Protanomaly**  
ABE809

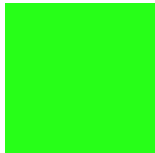


**Deuteranomaly**  
B0E365

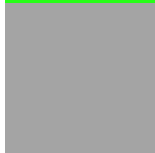


**Tritanomaly**  
59F3AB

# Monochromacy



**Original Color**  
27FF18



**Achromatopsia**  
A4A4A4



**Achromatomaly**  
77C571

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 27FF18 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 #27FF18 looks like.

```
.text, #text, p{  
    color:#27FF18  
}
```

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 #27FF18 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27FF18
}
```

## Border

The CSS property to change the border of an element to Hex 27FF18 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
#27FF18 }
```

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

```
.border{ border-color:#27FF18 }
```

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

Here you see how a box with a 4 pixel #27FF18 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27FF18; -webkit-box-shadow:4px 4px  
4px 4px #27FF18; box-shadow:4px 4px 4px  
4px #27FF18 }
```

# Background

The CSS property to change the background color of an element to Hex 27FF18 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27FF18 }
```

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

```
.background{ background-color:#27FF18 }
```

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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