

# Converting Colors

Hex(27941F)

Have a look what the booklet for  
Hex(27941F) contains.

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# Color

Hex(27941F)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	27941F
RGB	39, 148, 31
RGB Percent	15%, 58%, 12%
CMY	0.8471, 0.4196, 0.8784
CMYK	0.74, 0.00, 0.79, 0.42
HSL	116°, 65%, 35%
HSV	116°, 79%, 58%
XYZ	11.6739, 21.7101, 4.8715
YIQ	102.0710, -27.4070, -59.4950

# Conversions

## Conversions Part 2

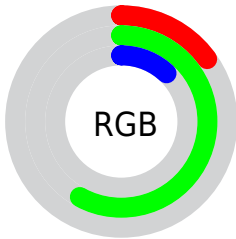
<b>Format</b>	<b>Color</b>
<b>RYB</b>	31, 148, 140
Decimal	2593823
CIELab	53.72, -51.97, 49.20
CIELCh	54, 71.566, 136.566
Yxy	21.7101, 0.3052, 0.5675
Android (android.graphics.Color)	4280783903 (0xFF27941F)
YUV	102.0710, -35.0380, -55.3133
Hunter-Lab	46.5941, -36.8173, 26.4170

# Details

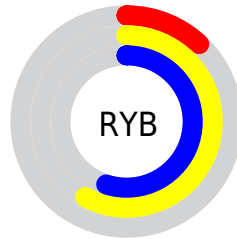
The Hex color **27941F** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **8C1F94**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **66CB55**, and **006000** is the 20% darker color. If you saturate the color by 10%, you get **199410**, and if you desaturate by 10%, it is **35942E**.

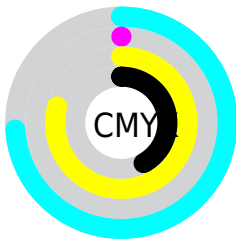
# Distribution



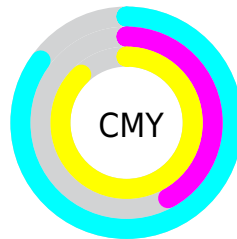
- Red (15%)
- Green (58%)
- Blue (12%)



- Red (12%)
- Yellow (58%)
- Blue (55%)



- Cyan (74%)
- Magenta (0%)
- Yellow (79%)
- Black (42%)



- Cyan (85%)
- Magenta (42%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 27941F 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 27941F by changing the saturation by 10% instead.





27941F



27941F

FFFFFF



007A00



66CB55



006000



83E86F



004700



A0FF8A



003000



BDFFA5



001500



DAFFC1



000000



F8FFDE



FFFFFFB



27941F



27941F

■ 199410

■ 35942E

■ 0B9401

■ 43943D

■ 0A9400

■ 50944B

■ 5E945A

■ 6C9469

■ 7A9478

■ 889487

■ 959495

■ A394A4

# Harmonies

## Analogous

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



7B8800



27941F



009A61

# Triad

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



27941F



0090F9



EC3A61

# Complementary

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



27941F



8C1F94

# 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.



E03E9F



27941F



2B7CF8

# Square

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



27941F



0099D9



AD5ED6



DA5626

# Rectangle

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



27941F



009C8D



AD5ED6



EC3676



# Sweetspot

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



27941F



94BF91



948A1F



476145



E0E0E0



616161



# Same Dimension

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



27941F



16BF0A



1F9450



434A43



098A00



010A00



# Inverse Universe

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



8C1F94



B30ABF



941F63



49434A



80008A



0A000A



# Previews

## White Background



This preview shows how the Hex color 27941F looks on a white background.

## Color Contrast Check

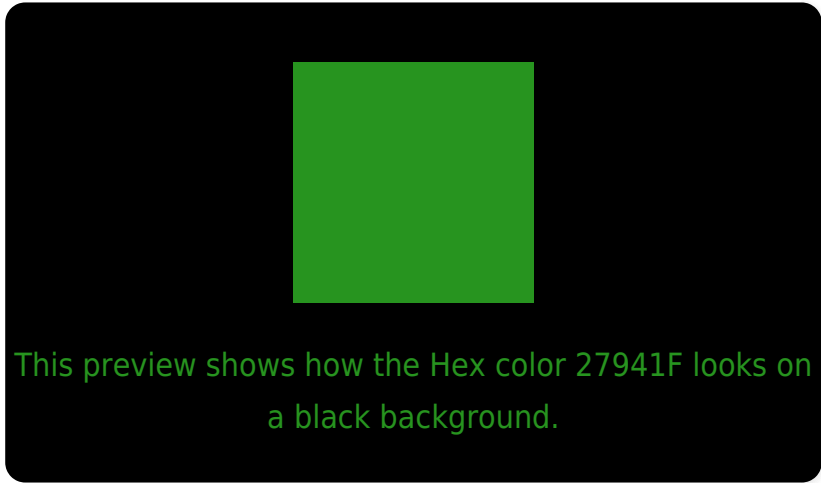
Large Text (above 18pt) WCAG AA ✓ Pass

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 27941F Background



This preview shows how black text looks on a background with the Hex color 27941F.



This preview shows how white text looks on a background with the Hex color 27941F.

# 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**  
27941F

**Protanopia**  
8F801A

**Deuteranopia**  
9F792B



**Tritanopia**  
478A95

# Trichromacy



**Original Color**  
27941F



**Protanomaly**  
69871C



**Deuteranomaly**  
738327



**Tritanomaly**  
3B8E6A

# Monochromacy



**Original Color**  
27941F



**Achromatopsia**  
666666



**Achromatomaly**  
4F774C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 27941F 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 #27941F looks like.

```
.text, #text, p{  
    color:#27941F  
}
```

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 #27941F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27941F
}
```

## Border

The CSS property to change the border of an element to Hex 27941F is called "border". The border property can be set on classes, ids or directly on the HTML element.

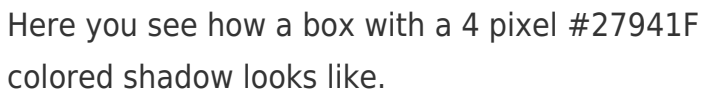
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#27941F }
```

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

```
.border{ border-color:#27941F }
```

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



Here you see how a box with a 4 pixel #27941F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27941F; -webkit-box-shadow:4px 4px  
4px 4px #27941F; box-shadow:4px 4px 4px  
4px #27941F }
```

# Background

The CSS property to change the background color of an element to Hex 27941F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27941F }
```

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

```
.background{ background-color:#27941F }
```

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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