

Converting Colors

Hex(3D931F)

Have a look what the booklet for
Hex(3D931F) contains.

Hex(3D931F)	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(3D931F)

Conversions

Conversions Part 1

Format	Color
Hex	3D931F
RGB	61, 147, 31
RGB Percent	24%, 58%, 12%
CMY	0.7608, 0.4235, 0.8784
CMYK	0.59, 0.00, 0.79, 0.42
HSL	104°, 65%, 35%
HSV	104°, 79%, 58%
XYZ	12.6055, 21.9585, 4.8704
YIQ	108.0620, -14.0200, -54.3080

Conversions

Conversions Part 2

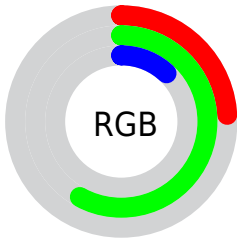
Format	Color
RYB	31, 147, 117
Decimal	4035359
CIELab	53.98, -46.67, 49.66
CIElCh	54, 68.150, 133.218
Yxy	21.9585, 0.3197, 0.5568
Android (android.graphics.Color)	4282225439 (0xFF3D931F)
YUV	108.0620, -37.9916, -41.2734
Hunter-Lab	46.8599, -33.9875, 26.6396

Details

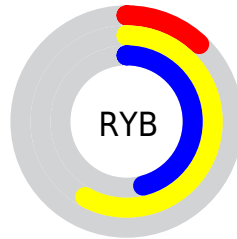
The Hex color **3D931F** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **751F93**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **76CA55**, and **005F00** is the 20% darker color. If you saturate the color by 10%, you get **329310**, and if you desaturate by 10%, it is **48932E**.

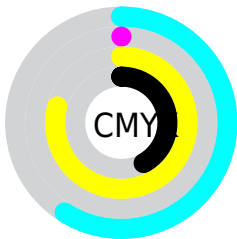
Distribution



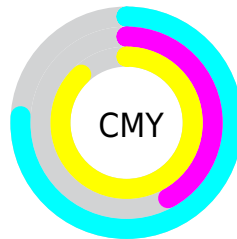
- Red (24%)
- Green (58%)
- Blue (12%)



- Red (12%)
- Yellow (58%)
- Blue (46%)



- Cyan (59%)
- Magenta (0%)
- Yellow (79%)
- Black (42%)



- Cyan (76%)
- Magenta (42%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D931F 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 3D931F by changing the saturation by 10% instead.

 3D931F

 3D931F

FFFFFF

 1C7900

 76CA55

 005F00

 92E66F

 004700

 AFFF8A

 003000

 CCFFA5

 001600

 E9FFC1

 000000

 FFFFDE

 FFFFFB

 3D931F

 3D931F

■ 329310

■ 48932E

■ 279302

■ 53933C

■ 269300

■ 5E934B

■ 69935A

■ 739369

■ 7E9377

■ 899386

■ 949395

■ 9F93A3

Harmonies

Analogous

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



838600



3D931F



00995D

Triad

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



3D931F



0091F2



E9406A

Complementary

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



3D931F



751F93

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.



D947A4



3D931F



107FF5

Square

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



3D931F



0099D1



A364D8



DA5732

Rectangle

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



3D931F



009B86



A364D8



E73E7D

Sweetspot

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



3D931F



9DBF91



93741F



4C6145



E0E0E0



616161

Same Dimension

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



3D931F



39BF0A



1F933A



444A43



248A00



030A00

Inverse Universe

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



751F93



900ABF



931F78



48434A



66008A



08000A

Previews

White Background



This preview shows how the Hex color 3D931F looks on a white background.

Color Contrast Check

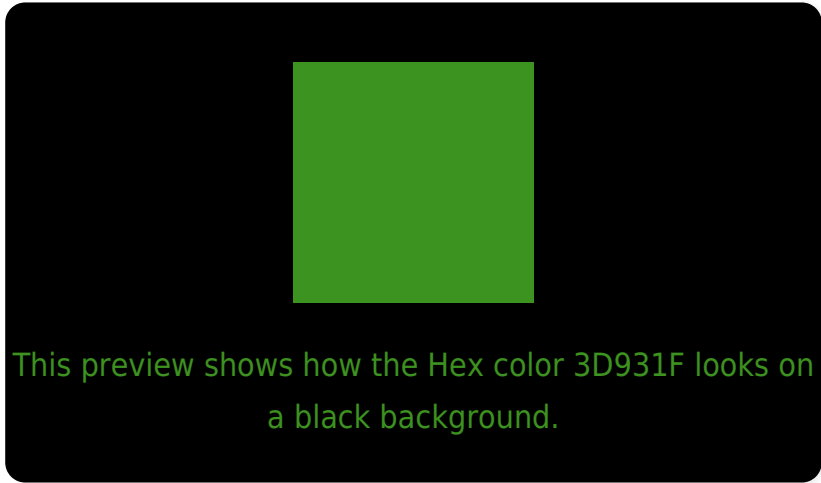
Large Text (above 18pt) WCAG AA ✓ Pass

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

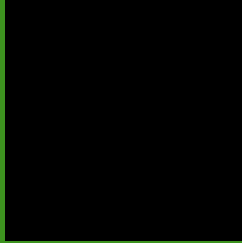
Any Text WCAG AA ✓ Pass

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 3D931F Background



This preview shows how black text looks on a background with the Hex color 3D931F.



This preview shows how white text looks on a background with the Hex color 3D931F.

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
3D931F

Protanopia
90811A

Deuteranopia
A07A2B



Tritanopia
548994

Trichromacy



Original Color
3D931F



Protanomaly
72881C



Deuteranomaly
7C8327



Tritanomaly
4C8D69

Monochromacy



Original Color
3D931F



Achromatopsia
6C6C6C



Achromatomaly
5B7A50

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D931F 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 #3D931F looks like.

```
.text, #text, p{  
    color:#3D931F  
}
```

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 #3D931F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D931F
}
```

Border

The CSS property to change the border of an element to Hex 3D931F 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
#3D931F }
```

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

```
.border{ border-color:#3D931F }
```

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

Here you see how a box with a 4 pixel #3D931F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D931F; -webkit-box-shadow:4px 4px  
4px 4px #3D931F; box-shadow:4px 4px 4px  
4px #3D931F }
```

Background

The CSS property to change the background color of an element to Hex 3D931F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D931F }
```

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

```
.background{ background-color:#3D931F }
```

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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