

Converting Colors

Hex(81931F)

Have a look what the booklet for
Hex(81931F) contains.

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Color

Hex(81931F)

Conversions

Conversions Part 1

Format	Color
Hex	81931F
RGB	129, 147, 31
RGB Percent	51%, 58%, 12%
CMY	0.4941, 0.4235, 0.8784
CMYK	0.12, 0.00, 0.79, 0.42
HSL	69°, 65%, 35%
HSV	69°, 79%, 58%
XYZ	19.7343, 25.6335, 5.2040
YIQ	128.3940, 26.5080, -39.8920

Conversions

Conversions Part 2

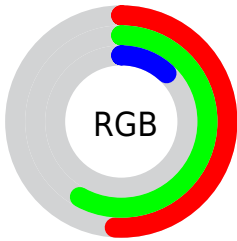
Format	Color
R_{YB}	31, 147, 49
Decimal	8491807
CIE _{Lab}	57.69, -21.55, 54.47
CIE _{LCh}	58, 58.574, 111.583
Yxy	25.6335, 0.3902, 0.5069
Android (android.graphics.Color)	4286681887 (0xFF81931F)
YUV	128.3940, -48.0152, 0.5315
Hunter-Lab	50.6295, -19.0262, 29.3465

Details

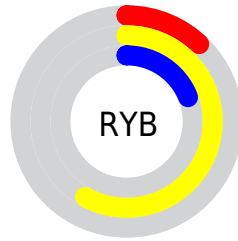
The Hex color **81931F** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **311F93**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **B9C956**, and **4C6000** is the 20% darker color. If you saturate the color by 10%, you get **7F9310**, and if you desaturate by 10%, it is **83932E**.

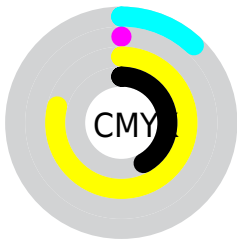
Distribution



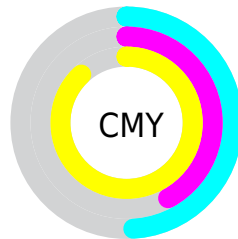
- Red (51%)
- Green (58%)
- Blue (12%)



- Red (12%)
- Yellow (58%)
- Blue (19%)



- Cyan (12%)
- Magenta (0%)
- Yellow (79%)
- Black (42%)



- Cyan (49%)
- Magenta (42%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81931F 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 81931F by changing the saturation by 10% instead.

 81931F

 81931F

FFFFFF

 667900

 B9C956

 4C6000

 D5E570

 324900

 F3FF8B

 183200

 FFFFA7


 001E00

 FFFFC3

 000000

 FFFFDF

 FFFFFD

 81931F

 81931F

■ 7F9310

■ 83932E

■ 7C9302

■ 86933C

■ 7C9300

■ 88934B

■ 8A935A

■ 8C9369

■ 8F9377

■ 919386

■ 939395

■ 9693A3

Harmonies

Analogous

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



B18319



81931F



3F9D47

Triad

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



81931F



009FDA



E05B9B

Complementary

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



81931F



311F93

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.



BA6DCB



81931F



0095F0

Square

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



81931F



00A3AF



7083EA



E75C68

Rectangle

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



81931F



00A168



7083EA



D75FAC

Sweetspot

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



81931F



B8BF91



93301F



5D6145



E0E0E0



616161

Same Dimension

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



81931F



A3BF0A



48931F



494A43



748A00



090A00

Inverse Universe

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



311F93



260ABF



6A1F93



44434A



15008A



02000A

Previews

White Background



This preview shows how the Hex color 81931F looks on a white background.

Color Contrast Check

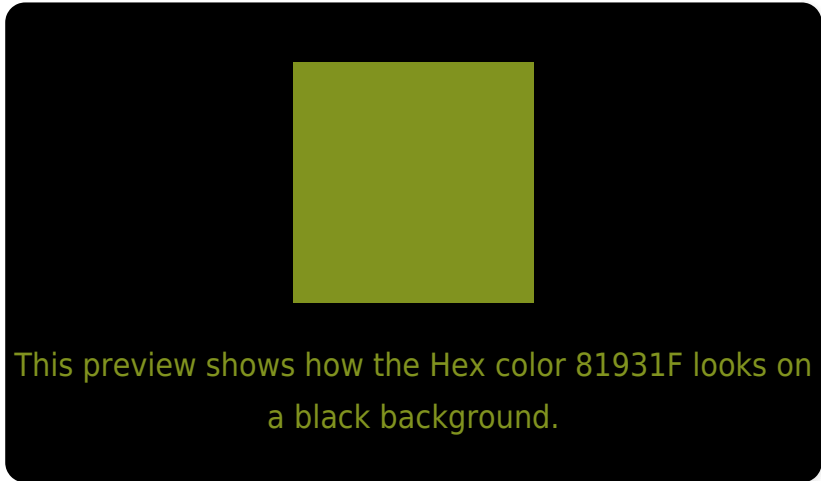
Large Text (above 18pt) WCAG AA ✓ Pass

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 81931F Background



This preview shows how black text looks on a background with the Hex color 81931F.



This preview shows how white text looks on a background with the Hex color 81931F.

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
81931F

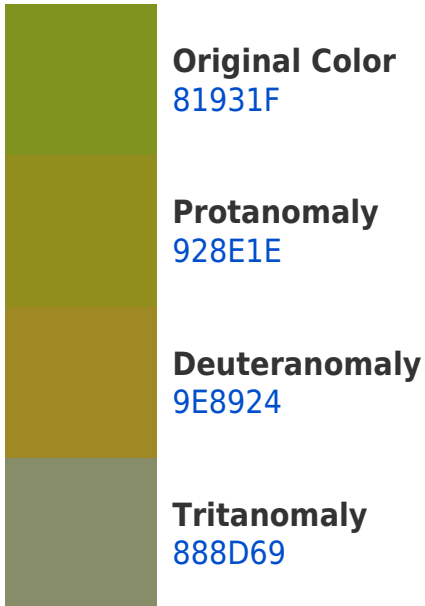
Protanopia
9C8B1D

Deuteranopia
AE8327



Tritanopia
8C8994

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 81931F 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 #81931F looks like.

```
.text, #text, p{  
    color:#81931F  
}
```

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 #81931F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81931F
}
```

Border

The CSS property to change the border of an element to Hex 81931F 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
#81931F }
```

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

```
.border{ border-color:#81931F }
```

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

Here you see how a box with a 4 pixel #81931F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81931F; -webkit-box-shadow:4px 4px  
4px 4px #81931F; box-shadow:4px 4px 4px  
4px #81931F }
```

Background

The CSS property to change the background color of an element to Hex 81931F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81931F }
```

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

```
.background{ background-color:#81931F }
```

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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