

Converting Colors

Hex(79C81F)

Have a look what the booklet for
Hex(79C81F) contains.

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Color

Hex(79C81F)

Conversions

Conversions Part 1

Format	Color
Hex	79C81F
RGB	121, 200, 31
RGB Percent	47%, 78%, 12%
CMY	0.5255, 0.2157, 0.8784
CMYK	0.40, 0.00, 0.84, 0.22
HSL	88°, 73%, 45%
HSV	88°, 84%, 78%
XYZ	28.7868, 45.4724, 8.5562
YIQ	157.1130, 7.1650, -69.3070

Conversions

Conversions Part 2

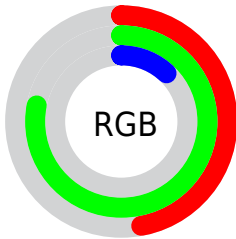
Format	Color
RYB	31, 200, 110
Decimal	7981087
CIELab	73.20, -48.71, 68.13
CIELCh	73, 83.754, 125.563
Yxy	45.4724, 0.3476, 0.5491
Android (android.graphics.Color)	4286171167 (0xFF79C81F)
YUV	157.1130, -62.1737, -31.6711
Hunter-Lab	67.4332, -41.8079, 39.6804

Details

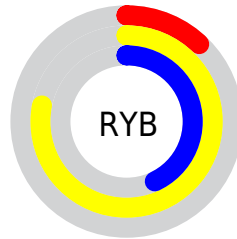
The Hex color **79C81F** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark washed chartreuse. A complement of this color would be **6E1FC8**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **B3FF5E**, and **3E9100** is the 20% darker color. If you saturate the color by 10%, you get **70C80B**, and if you desaturate by 10%, it is **82C833**.

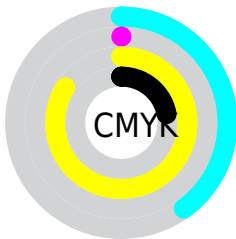
Distribution



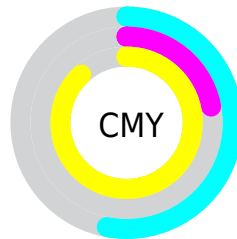
- Red (47%)
- Green (78%)
- Blue (12%)



- Red (12%)
- Yellow (78%)
- Blue (43%)



- Cyan (40%)
- Magenta (0%)
- Yellow (84%)
- Black (22%)



- Cyan (53%)
- Magenta (22%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 79C81F 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 79C81F by changing the saturation by 10% instead.



79C81F



79C81F

FFFFFF



5CAC00



B3FF5E



3E9100



D1FF7A



1A7700



EEFF96



005E00



FFFFB3



004500



FFFFD0



002F00



FFFFED



001300



000000



79C81F



79C81F

 70C80B

 82C833

 6BC800

 8CC847

 95C85B

 9EC86F

 A8C883

 B1C897

 BAC8AB

 C4C8BF

 CDC8D3

Harmonies

Analogous

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



CAB500



79C81F



00D270

Triad

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



79C81F



00CCFF



FF60A9

Complementary

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



79C81F



6E1FC8

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.



FF73F5



79C81F



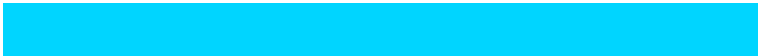
00B9FF

Square

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



79C81F



00D5FF



C698FF



FF755F

Rectangle

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



79C81F



00D6A5



C698FF



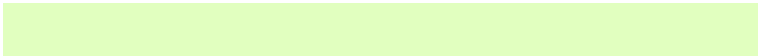
FF62C3

Sweetspot

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



79C81F



E1FFBF



C86E1F



6E8059



000000



808080

Same Dimension

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



79C81F



88FF00



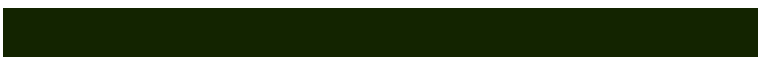
25C81F



5F635A



57A300



132400

Inverse Universe

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



6E1FC8



7700FF



C21FC8



5E5A63



4C00A3



110024

Previews

White Background



This preview shows how the Hex color 79C81F looks on a white background.

Color Contrast Check

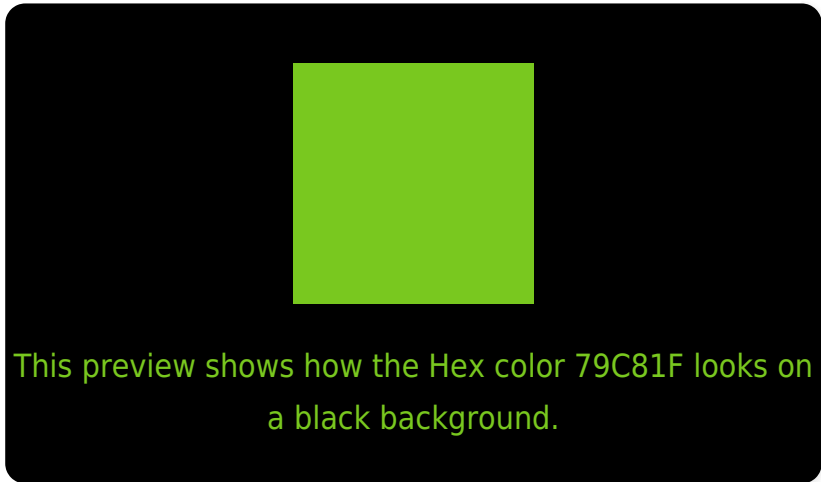
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 79C81F Background



This preview shows how black text looks on a background with the Hex color 79C81F.

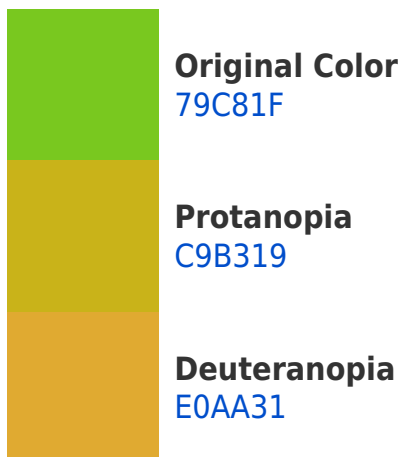


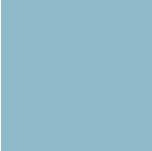
This preview shows how white text looks on a background with the Hex color 79C81F.

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





Tritanopia
8FBAC9

Trichromacy



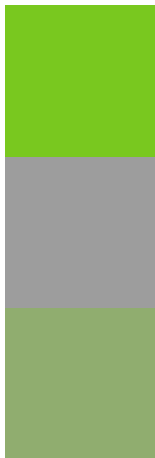
Original Color
79C81F

Protanomaly
ACBB1B

Deuteranomaly
BBB52A

Tritanomaly
87BF8B

Monochromacy



Original Color
79C81F

Achromatopsia
9D9D9D

Achromatomaly
90AD6F

CSS Examples

Text

The CSS property to change the color of the text to Hex 79C81F 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 #79C81F looks like.

```
.text, #text, p{  
    color:#79C81F  
}
```

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 #79C81F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #79C81F
}
```

Border

The CSS property to change the border of an element to Hex 79C81F 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
#79C81F }
```

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

```
.border{ border-color:#79C81F }
```

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

Here you see how a box with a 4 pixel #79C81F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #79C81F; -webkit-box-shadow:4px 4px  
4px 4px #79C81F; box-shadow:4px 4px 4px  
4px #79C81F }
```

Background

The CSS property to change the background color of an element to Hex 79C81F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#79C81F }
```

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

```
.background{ background-color:#79C81F }
```

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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