

# Converting Colors

Hex(79F01F)

Have a look what the booklet for  
Hex(79F01F) contains.

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**Color**

**Hex(79F01F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	79F01F
RGB	121, 240, 31
RGB Percent	47%, 94%, 12%
CMY	0.5255, 0.0588, 0.8784
CMYK	0.50, 0.00, 0.87, 0.06
HSL	94°, 87%, 53%
HSV	94°, 87%, 94%
XYZ	39.2926, 66.4841, 12.0581
YIQ	180.5930, -3.8350, -90.2270

# Conversions

## Conversions Part 2

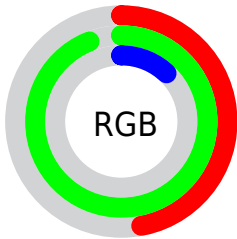
<b>Format</b>	<b>Color</b>
<b>RYB</b>	31, 240, 150
Decimal	7991327
CIELab	85.24, -63.92, 78.51
CIELCh	85, 101.241, 129.150
Yxy	66.4841, 0.3335, 0.5642
Android (android.graphics.Color)	4286181407 (0xFF79F01F)
YUV	180.5930, -73.7493, -52.2631
Hunter-Lab	81.5378, -56.6730, 48.3084

# Details

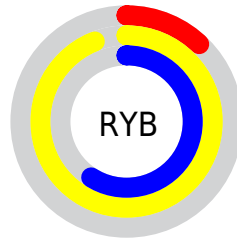
The Hex color **79F01F** is a dark color, and the websafe version is hex **99FF33**. The color can be described as dark washed chartreuse. A complement of this color would be **961FF0**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **B7FF64**, and **34B700** is the 20% darker color. If you saturate the color by 10%, you get **6BF007**, and if you desaturate by 10%, it is **87F037**.

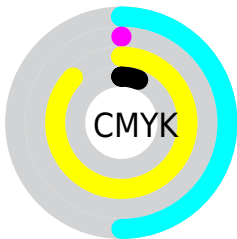
# Distribution



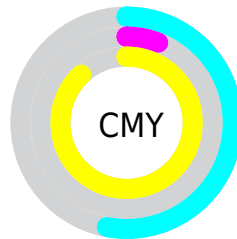
- Red (47%)
- Green (94%)
- Blue (12%)



- Red (12%)
- Yellow (94%)
- Blue (59%)



- Cyan (50%)
- Magenta (0%)
- Yellow (87%)
- Black (6%)



- Cyan (53%)
- Magenta (6%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 79F01F 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 79F01F by changing the saturation by 10% instead.



 79F01F

 79F01F


FFFFFF

 59D300

 B7FF64

 34B700

 D5FF82

 009B00

 F4FF9F

 008000

 FFFFBC

 006600

 FFFFDA

 004D00

 FFFFF8

 003500

 001B00

 000000

 79F01F

 79F01F

 6BF007

 87F037

 67F000

 94F04F

 A2F067

 B0F07F

 BDF097

 CBF0AF

 D9F0C7

 E6F0DF

 F4F0F7

# Harmonies

## Analogous

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



E4DA00



79F01F



00FB8C

# Triad

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



79F01F



00F2FF



FF66BC

# Complementary

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



79F01F



961FF0

# Split Complementary

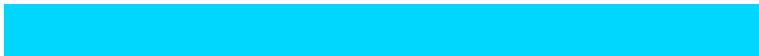
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF7BFF



79F01F



00D7FF

# Square

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



79F01F



00DFF



FBADFF



FF8960

# Rectangle

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



79F01F



00FFCF



FBADFF



FF66DC

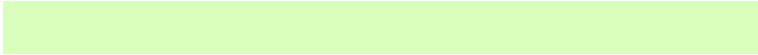


# Sweetspot

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



79F01F



D9FFBD



F0951F



698058



000000



808080



# Same Dimension

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



79F01F



6EFF00



1FF02D



71786C



4FB800



183800



# Inverse Universe

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



961FF0



9100FF



F01FE2



736C78



6900B8

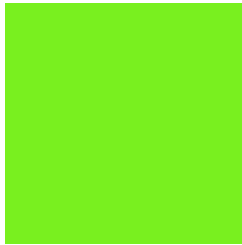


200038



# Previews

## White Background



This preview shows how the Hex color 79F01F looks on a white background.

## Color Contrast Check

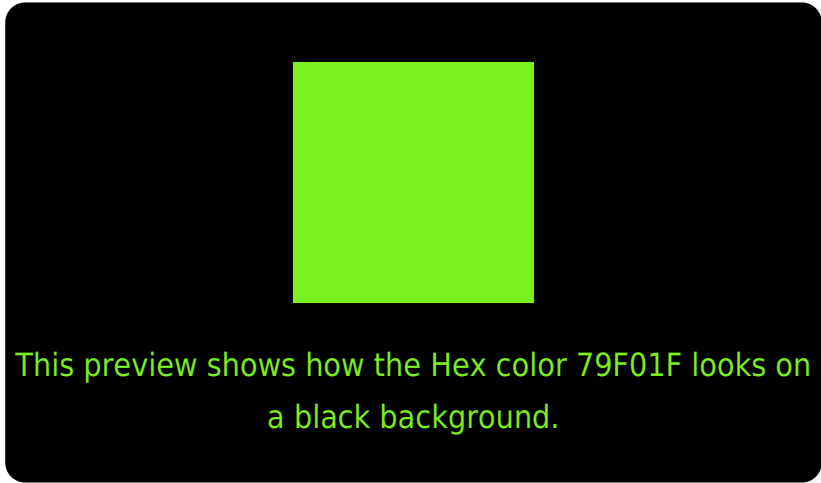
Large Text (above 18pt) WCAG AA × Fail

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 79F01F Background



This preview shows how black text looks on a background with the Hex color 79F01F.

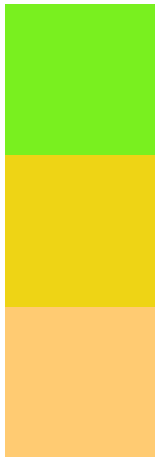


This preview shows how white text looks on a background with the Hex color 79F01F.

# 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](#).

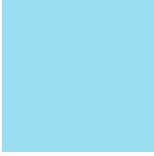
## Dichromacy



**Original Color**  
79F01F

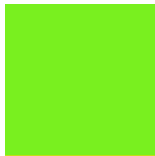
**Protanopia**  
EED415

**Deuteranopia**  
FFCB72



**Tritanopia**  
99DFF1

# Trichromacy



**Original Color**  
79F01F



**Protanomaly**  
C3DE19



**Deuteranomaly**  
CED854

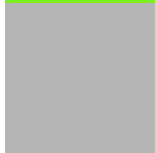


**Tritanomaly**  
8DE5A5

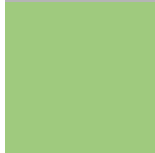
# Monochromacy



**Original Color**  
79F01F



**Achromatopsia**  
B5B5B5



**Achromatomaly**  
9FCA7E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 79F01F 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 #79F01F looks like.

```
.text, #text, p{  
    color:#79F01F  
}
```

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 #79F01F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #79F01F
}
```

## Border

The CSS property to change the border of an element to Hex 79F01F 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
#79F01F }
```

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

```
.border{ border-color:#79F01F }
```

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

Here you see how a box with a 4 pixel #79F01F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #79F01F; -webkit-box-shadow:4px 4px  
4px 4px #79F01F; box-shadow:4px 4px 4px  
4px #79F01F }
```

# Background

The CSS property to change the background color of an element to Hex 79F01F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#79F01F }
```

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

```
.background{ background-color:#79F01F }
```

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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