

Converting Colors

Hex(79FF4D)

Have a look what the booklet for
Hex(79FF4D) contains.

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Color

Hex(79FF4D)

Conversions

Conversions Part 1

Format	Color
Hex	79FF4D
RGB	121, 255, 77
RGB Percent	47%, 100%, 30%
CMY	0.5255, 0.0000, 0.6980
CMYK	0.53, 0.00, 0.70, 0.00
HSL	105°, 100%, 65%
HSV	105°, 70%, 100%
XYZ	44.9847, 76.1208, 19.3430
YIQ	194.6420, -22.7260, -83.7660

Conversions

Conversions Part 2

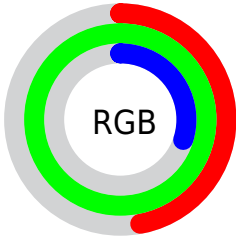
Format	Color
RYB	77, 255, 211
Decimal	7995213
CIELab	89.92, -66.88, 70.18
CIELCh	90, 96.944, 133.619
Yxy	76.1208, 0.3203, 0.5420
Android (android.graphics.Color)	4286185293 (0xFF79FF4D)
YUV	194.6420, -57.9975, -64.5840
Hunter-Lab	87.2472, -60.6479, 47.9282

Details

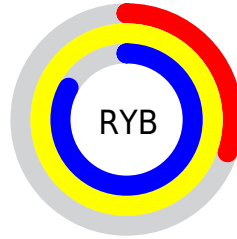
The Hex color **79FF4D** is a dark color, and the websafe version is hex **66FF33**. The color can be described as middle washed chartreuse. A complement of this color would be **D34DFF**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **B7FF87**, and **32C500** is the 20% darker color. If you saturate the color by 10%, you get **66FF34**, and if you desaturate by 10%, it is **8CFF67**.

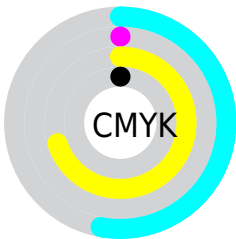
Distribution



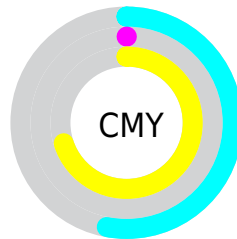
- Red (47%)
- Green (100%)
- Blue (30%)



- Red (30%)
- Yellow (100%)
- Blue (83%)



- Cyan (53%)
- Magenta (0%)
- Yellow (70%)
- Black (0%)



- Cyan (53%)
- Magenta (0%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 79FF4D 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 79FF4D by changing the saturation by 10% instead.

 79FF4D

 79FF4D

FFFFFF

 58E22D

 B7FF87

 32C500

 D6FFA3

 00A900

 F5FFC0

 008E00

 FFFFDD

 007300

 FFFFFB


 005900

 004000

 002800

 000000

 79FF4D

 79FF4D

 66FF34

 8CFF67

 53FF1A

 9FFF80

 3FFF01

 B3FF9A

 3FFF00

 C6FFB3

 D9FFCD

 ECFFE6

FFFFFF

Harmonies

Analogous

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



E6EB00



79FF4D



00FFAA

Triad

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



79FF4D



00BFFF



FF81BC

Complementary

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



79FF4D



D34DFF

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.



FF8BFF



79FF4D



5BDFFF

Square

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



79FF4D



00FFFF



FFB5FF



FFA265

Rectangle

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



79FF4D



00FFEB



FFB5FF



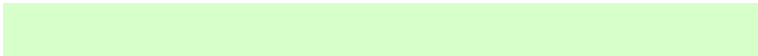
FF7FDB

Sweetspot

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



79FF4D



D7FFC9



FFD34D



688060



000000



808080

Same Dimension

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



79FF4D



5EFF29



4DFF7A



768073



2FBF00



104000

Inverse Universe

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



D34DFF



CA29FF



FF4DD3



7C7380



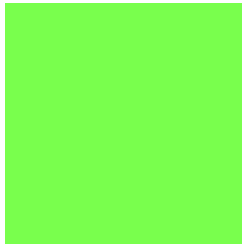
9000BF



300040

Previews

White Background



This preview shows how the Hex color 79FF4D looks on a white background.

Color Contrast Check

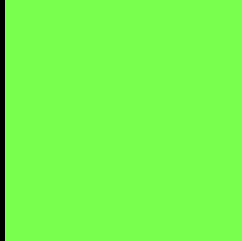
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 79FF4D looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

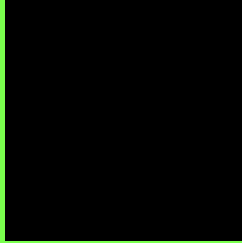
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

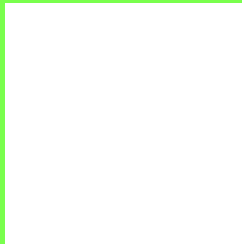
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 79FF4D Background



This preview shows how black text looks on a background with the Hex color 79FF4D.

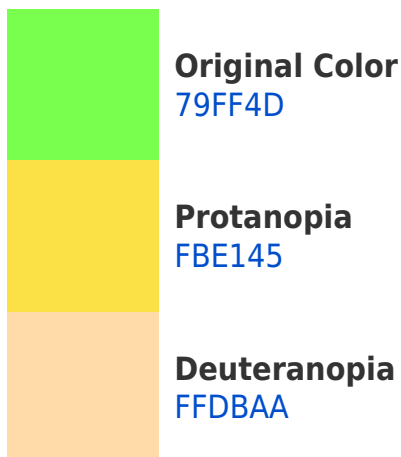


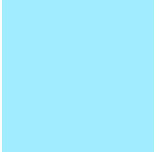
This preview shows how white text looks on a background with the Hex color 79FF4D.

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](#).

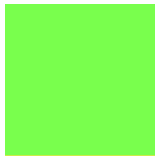
Dichromacy





Tritanopia
A1EDFF

Trichromacy



Original Color

79FF4D



Protanomaly

CCEC48



Deuteranomaly

CEE888



Tritanomaly

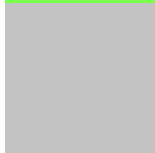
92F4BE

Monochromacy



Original Color

79FF4D



Achromatopsia

C3C3C3



Achromatomaly

A8D998

CSS Examples

Text

The CSS property to change the color of the text to Hex 79FF4D 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 #79FF4D looks like.

```
.text, #text, p{  
    color:#79FF4D  
}
```

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 #79FF4D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #79FF4D
}
```

Border

The CSS property to change the border of an element to Hex 79FF4D 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
#79FF4D }
```

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

```
.border{ border-color:#79FF4D }
```

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

Here you see how a box with a 4 pixel #79FF4D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #79FF4D; -webkit-box-shadow:4px 4px  
4px 4px #79FF4D; box-shadow:4px 4px 4px  
4px #79FF4D }
```

Background

The CSS property to change the background color of an element to Hex 79FF4D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#79FF4D }
```

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

```
.background{ background-color:#79FF4D }
```

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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