

Converting Colors

Hex(79F300)

Have a look what the booklet for
Hex(79F300) contains.

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Color

Hex(79F300)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 79F300 |
| RGB | 121, 243, 0 |
| RGB Percent | 47%, 95%, 0% |
| CMY | 0.5255, 0.0471, 1.0000 |
| CMYK | 0.50, 0.00, 1.00, 0.05 |
| HSL | 90°, 100%, 48% |
| HSV | 90°, 100%, 95% |
| XYZ | 39.9357, 68.1661, 11.0525 |
| YIQ | 178.8200, 5.2910, -101.4370 |

Conversions

Conversions Part 2

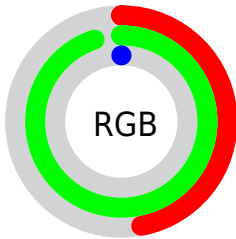
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 0, 243, 122 |
| Decimal | 7992064 |
| CIELab | 86.09, -65.55, 82.72 |
| CIELCh | 86, 105.542, 128.393 |
| Yxy | 68.1661, 0.3352, 0.5721 |
| Android (android.graphics.Color) | 4286182144 (0xFF79F300) |
| YUV | 178.8200, -88.1583, -50.7081 |
| Hunter-Lab | 82.5628, -58.1441, 49.8569 |

Details

The Hex color **79F300** is a dark color, and the websafe version is hex **99FF00**. The color can be described as dark saturated chartreuse. A complement of this color would be **7A00F3**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **B7FF5B**, and **32BA00** is the 20% darker color. If you saturate the color by 10%, you get **79F300**, and if you desaturate by 10%, it is **85F318**.

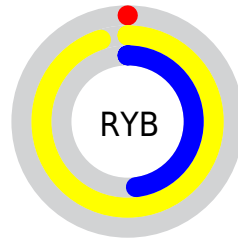
Distribution



Red (47%)

Green (95%)

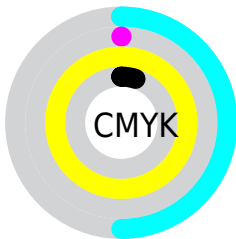
Blue (0%)



Red (0%)

Yellow (95%)

Blue (48%)

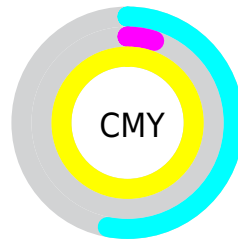


Cyan (50%)

Magenta (0%)

Yellow (100%)

Black (5%)



Cyan (53%)

Magenta (5%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 79F300 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 79F300 by changing the saturation by 10% instead.

 79F300

 79F300

FFFFFF

 58D600

 B7FF5B

 32BA00

 D6FF79

 009E00

 F5FF97

 008300

 FFFFB5

 006900

 FFFFD2

 004F00

 FFFFF0

 003700

 001E00

 000000

 79F300

 85F318

 91F331

 9EF349

 AAF361

 B6F379

 C2F392

 CEF3AA

 DBF3C2

 E7F3DB

Harmonies

Analogous

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



E9DC00



79F300



00FF89

Triad

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



79F300



00F6FF



FF5EC0

Complementary

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



79F300



7A00F3

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.



FF78FF



79F300



00DBFF

Square

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



79F300



00FFFF



FBAEFF



FF855F

Rectangle

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



79F300



00FFCF



FBAEFF



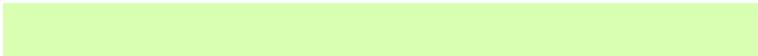
FF5FE1

Sweetspot

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



79F300



D9FFB3



F37900



688052



000000



808080

Same Dimension

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



79F300



7FFF00



00F300



747A6E



5DBA00



1D3B00

Inverse Universe

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



7A00F3



8000FF



F300F3



746E7A



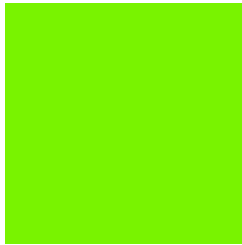
5D00BA



1D003B

Previews

White Background



This preview shows how the Hex color 79F300 looks on a white background.

Color Contrast Check

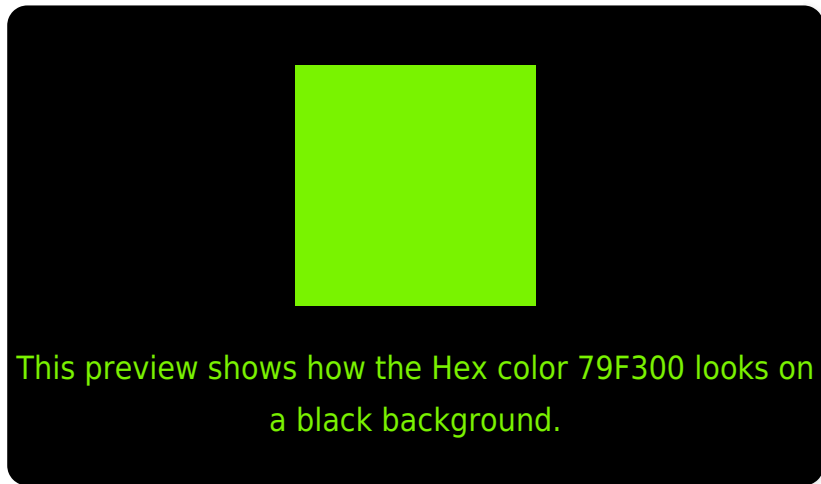
Large Text (above 18pt) WCAG AA × Fail

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 79F300 Background



This preview shows how black text looks on a background with the Hex color 79F300.

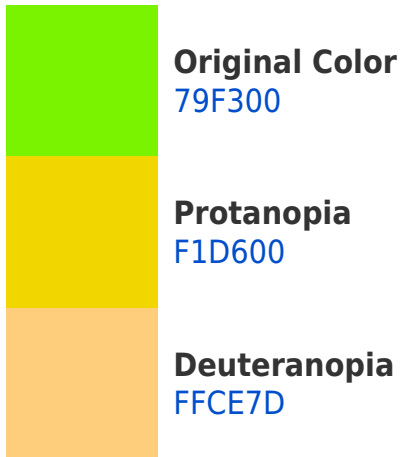


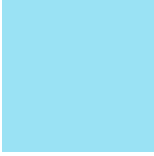
This preview shows how white text looks on a background with the Hex color 79F300.

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](#).

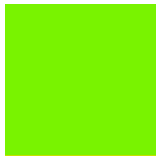
Dichromacy





Tritanopia
9AE2F4

Trichromacy



Original Color
79F300



Protanomaly
C5E100



Deuteranomaly
CEDB50

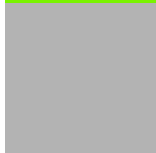


Tritanomaly
8EE89B

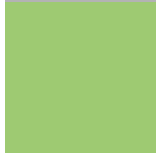
Monochromacy



Original Color
79F300



Achromatopsia
B3B3B3



Achromatomaly
9ECA72

CSS Examples

Text

The CSS property to change the color of the text to Hex 79F300 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 #79F300 looks like.

```
.text, #text, p{  
    color:#79F300  
}
```

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 #79F300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #79F300
}
```

Border

The CSS property to change the border of an element to Hex 79F300 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
#79F300 }
```

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

```
.border{ border-color:#79F300 }
```

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

Here you see how a box with a 4 pixel #79F300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #79F300; -webkit-box-shadow:4px 4px  
4px 4px #79F300; box-shadow:4px 4px 4px  
4px #79F300 }
```

Background

The CSS property to change the background color of an element to Hex 79F300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#79F300 }
```

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

```
.background{ background-color:#79F300 }
```

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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