

Converting Colors

Hex(79EA00)

Have a look what the booklet for
Hex(79EA00) contains.

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Color

Hex(79EA00)

Conversions

Conversions Part 1

Format	Color
Hex	79EA00
RGB	121, 234, 0
RGB Percent	47%, 92%, 0%
CMY	0.5255, 0.0824, 1.0000
CMYK	0.48, 0.00, 1.00, 0.08
HSL	89°, 100%, 46%
HSV	89°, 100%, 92%
XYZ	37.3080, 62.9106, 10.1766
YIQ	173.5370, 7.7660, -96.7300

Conversions

Conversions Part 2

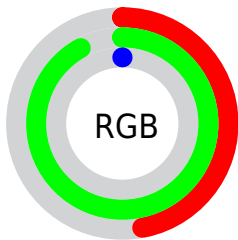
Format	Color
RYB	0, 234, 113
Decimal	7989760
CIELab	83.40, -62.34, 80.61
CIELCh	83, 101.898, 127.715
Yxy	62.9106, 0.3379, 0.5699
Android (android.graphics.Color)	4286179840 (0xFF79EA00)
YUV	173.5370, -85.5537, -46.0749
Hunter-Lab	79.3162, -54.8423, 47.9142

Details

The Hex color **79EA00** 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 **7100EA**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **B6FF59**, and **35B100** is the 20% darker color. If you saturate the color by 10%, you get **79EA00**, and if you desaturate by 10%, it is **84EA17**.

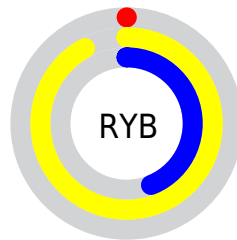
Distribution



Red (47%)

Green (92%)

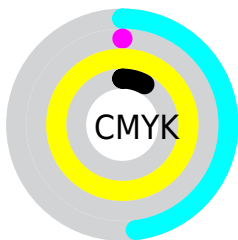
Blue (0%)



Red (0%)

Yellow (92%)

Blue (44%)

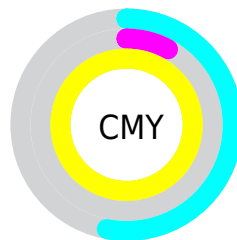


Cyan (48%)

Magenta (0%)

Yellow (100%)

Black (8%)



Cyan (53%)

Magenta (8%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 79EA00 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 79EA00 by changing the saturation by 10% instead.

 79EA00

 79EA00

FFFFFF

 59CD00

 B6FF59

 35B100

 D5FF77

 009600

 F4FF95

 007B00

 FFFFB2

 006100

 FFFF00

 004800

 FFFFEE

 003100

 001400

 000000

 79EA00

 84EA17

 90EA2F

 9BEA46

 A6EA5E

 B2EA75

 BDEA8C

 C8EAA4

 D3EABB

 DFEAD3

Harmonies

Analogous

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



E3D400



79EA00



00F682

Triad

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



79EA00



00EDFF



FF5DBB

Complementary

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



79EA00



7100EA

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.



FF76FF



79EA00



00D4FF

Square

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



79EA00



00F8FF



EFAAFF



FF805F

Rectangle

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



79EA00



00F9C5



EFAAFF



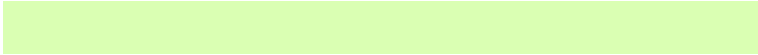
FF5EDB

Sweetspot

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



79EA00



DAFFB3



EA6D00



698052



000000



808080

Same Dimension

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



79EA00



84FF00



08EA00



70756A



5EB500



1C3600

Inverse Universe

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



7100EA



7B00FF



E200EA



6F6A75



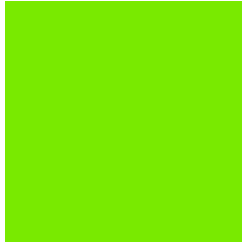
5700B5



1A0036

Previews

White Background



This preview shows how the Hex color 79EA00 looks on a white background.

Color Contrast Check

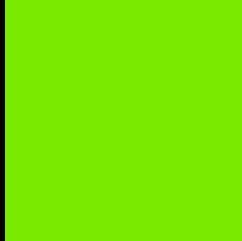
Large Text (above 18pt) WCAG AA × Fail

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 79EA00 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 79EA00 Background



This preview shows how black text looks on a background with the Hex color 79EA00.

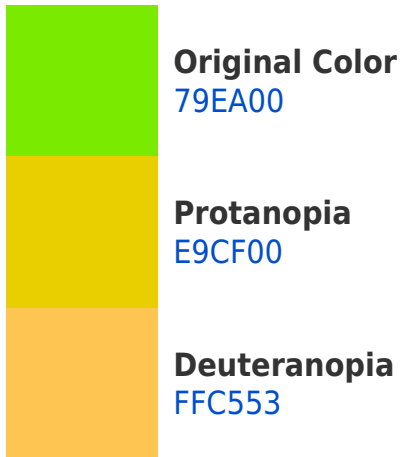


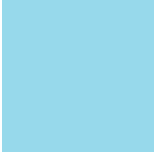
This preview shows how white text looks on a background with the Hex color 79EA00.

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](#).

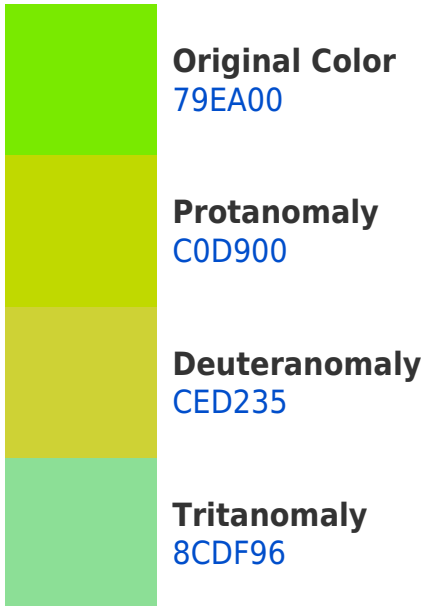
Dichromacy





Tritanopia
97D9EB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 79EA00 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 #79EA00 looks like.

```
.text, #text, p{  
    color:#79EA00  
}
```

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 #79EA00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #79EA00
}
```

Border

The CSS property to change the border of an element to Hex 79EA00 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
#79EA00 }
```

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

```
.border{ border-color:#79EA00 }
```

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

Here you see how a box with a 4 pixel #79EA00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #79EA00; -webkit-box-shadow:4px 4px  
4px 4px #79EA00; box-shadow:4px 4px 4px  
4px #79EA00 }
```

Background

The CSS property to change the background color of an element to Hex 79EA00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#79EA00 }
```

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

```
.background{ background-color:#79EA00 }
```

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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