

Converting Colors

Hex(80EA01)

Have a look what the booklet for
Hex(80EA01) contains.

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Color

Hex(80EA01)

Conversions

Conversions Part 1

Format	Color
Hex	80EA01
RGB	128, 234, 1
RGB Percent	50%, 92%, 0%
CMY	0.4980, 0.0824, 0.9961
CMYK	0.45, 0.00, 1.00, 0.08
HSL	87°, 99%, 46%
HSV	87°, 100%, 92%
XYZ	38.3304, 63.4370, 10.2531
YIQ	175.7440, 11.6170, -94.9350

Conversions

Conversions Part 2

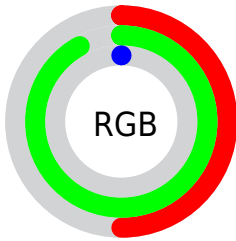
Format	Color
RYB	1, 234, 107
Decimal	8448513
CIELab	83.67, -60.21, 80.86
CIElCh	84, 100.815, 126.674
Yxy	63.4370, 0.3422, 0.5663
Android (android.graphics.Color)	4286638593 (0xFF80EA01)
YUV	175.7440, -86.1488, -41.8715
Hunter-Lab	79.6474, -53.4796, 48.1207

Details

The Hex color **80EA01** 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 **6B01EA**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **BDFF59**, and **3FB100** is the 20% darker color. If you saturate the color by 10%, you get **80EA00**, and if you desaturate by 10%, it is **8BEA18**.

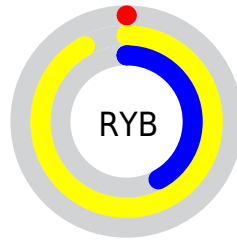
Distribution



Red (50%)

Green (92%)

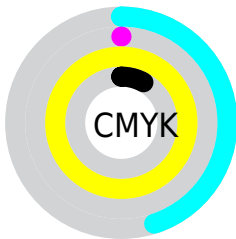
Blue (0%)



Red (0%)

Yellow (92%)

Blue (42%)

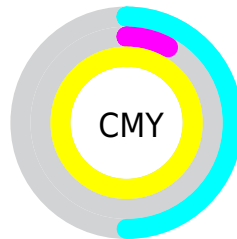


Cyan (45%)

Magenta (0%)

Yellow (100%)

Black (8%)



Cyan (50%)

Magenta (8%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80EA01 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 80EA01 by changing the saturation by 10% instead.

 80EA01

 80EA01

FFFFFF

 61CD00

 BDFF59

 3FB100

 DBFF77

 0D9600

 FAFF95

 007B00

 FFFFB2

 006100

 FFFFD0

 004800

 FFFFEE

 003200

 001500

 000000

■ 80EA01

■ 80EA01

■ 80EA00

■ 8BEA18

■ 95EA30

■ A0EA47

■ ABEA5F

■ B5EA76

■ C0EA8D

■ CBEAA5

■ D5EABC

■ E0EAD4

Harmonies

Analogous

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



E7D300



80EA01



00F680

Triad

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



80EA01



00EEFF



FF60C0

Complementary

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



80EA01



6B01EA

Split Complementary

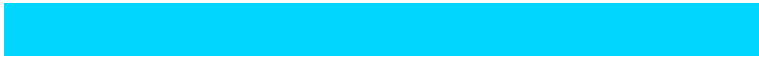
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF7AFF



80EA01



00D6FF

Square

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



80EA01



00F9FF



EAADFF



FF8164

Rectangle

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



80EA01



00FAC3



EAADFF



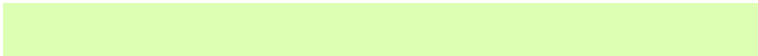
FF62DF

Sweetspot

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



80EA01



DCFFB3



EA6A01



6B8052



000000



808080

Same Dimension

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



80EA01



8BFF00



0DEA01



70756A



63B500



1D3600

Inverse Universe

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



6B01EA



7400FF



DE01EA



6F6A75



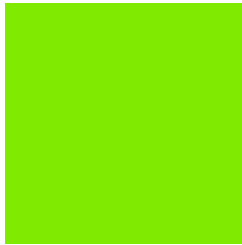
5200B5



180036

Previews

White Background



This preview shows how the Hex color 80EA01 looks on a white background.

Color Contrast Check

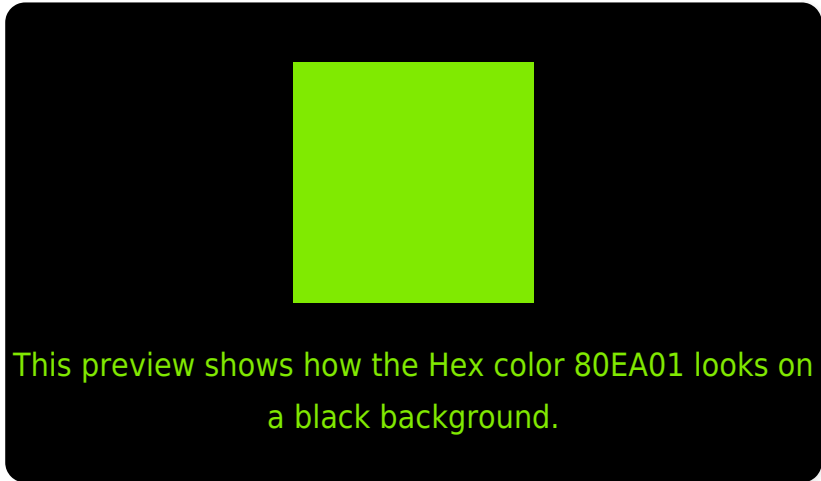
Large Text (above 18pt) WCAG AA × Fail

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 80EA01 Background



This preview shows how black text looks on a background with the Hex color 80EA01.

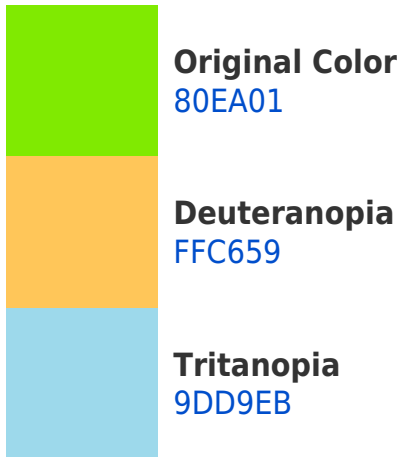


This preview shows how white text looks on a background with the Hex color 80EA01.

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](#).

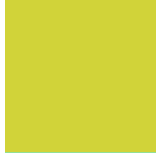
Dichromacy



Trichromacy



Original Color
80EA01



Deuteranomaly
D1D339

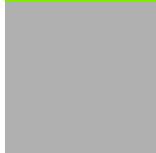


Tritanomaly
92DF96

Monochromacy



Original Color
80EA01



Achromatopsia
B0B0B0



Achromatomaly
9FC570

CSS Examples

Text

The CSS property to change the color of the text to Hex 80EA01 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 #80EA01 looks like.

```
.text, #text, p{  
    color:#80EA01  
}
```

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 #80EA01 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80EA01
}
```

Border

The CSS property to change the border of an element to Hex 80EA01 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
#80EA01 }
```

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

```
.border{ border-color:#80EA01 }
```

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

Here you see how a box with a 4 pixel #80EA01 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80EA01; -webkit-box-shadow:4px 4px  
4px 4px #80EA01; box-shadow:4px 4px 4px  
4px #80EA01 }
```

Background

The CSS property to change the background color of an element to Hex 80EA01 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80EA01 }
```

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

```
.background{ background-color:#80EA01 }
```

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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