

Converting Colors

Hex(81E200)

Have a look what the booklet for
Hex(81E200) contains.

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Color

Hex(81E200)

Conversions

Conversions Part 1

Format	Color
Hex	81E200
RGB	129, 226, 0
RGB Percent	51%, 89%, 0%
CMY	0.4941, 0.1137, 1.0000
CMYK	0.43, 0.00, 1.00, 0.11
HSL	86°, 100%, 44%
HSV	86°, 100%, 89%
XYZ	36.2496, 59.0598, 9.4891
YIQ	171.2330, 14.7340, -90.8500

Conversions

Conversions Part 2

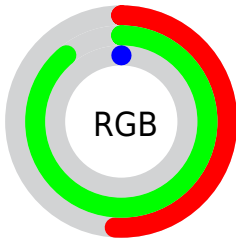
Format	Color
RYB	0, 226, 97
Decimal	8512000
CIELab	81.32, -56.90, 79.13
CIELCh	81, 97.465, 125.721
Yxy	59.0598, 0.3459, 0.5636
Android (android.graphics.Color)	4286702080 (0xFF81E200)
YUV	171.2330, -84.4179, -37.0383
Hunter-Lab	76.8504, -50.2914, 46.4744

Details

The Hex color **81E200** 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 **6100E2**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **BDFF57**, and **42AA00** is the 20% darker color. If you saturate the color by 10%, you get **81E200**, and if you desaturate by 10%, it is **8BE217**.

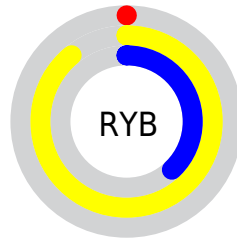
Distribution



Red (51%)

Green (89%)

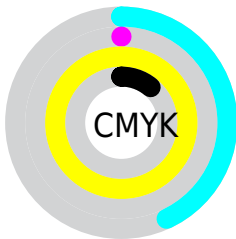
Blue (0%)



Red (0%)

Yellow (89%)

Blue (38%)

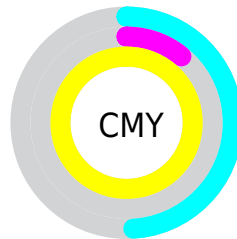


Cyan (43%)

Magenta (0%)

Yellow (100%)

Black (11%)



Cyan (49%)

Magenta (11%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81E200 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 81E200 by changing the saturation by 10% instead.

 81E200

 81E200

FFFFFF

 62C600

 BDFF57

 42AA00

 DCFF75

 188F00

 FAFF93

 007400

 FFFF80

 005B00

 FFFFCD

 004200

 FFFFEB

 002B00

 000900

 000000

 81E200

 8BE217

 94E22D

 9EE244

 A8E25A

 B2E271

 BBE288

 C5E29E

 CFE2B5

 D8E2CB

Harmonies

Analogous

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



E2CC00



81E200



00EE7A

Triad

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



81E200



00E7FF



FF5FBD

Complementary

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



81E200



6100E2

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.



FF79FF



81E200



00D0FF

Square

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



81E200



00F1FF



DFA9FF



FF7C64

Rectangle

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



81E200



00F2BA



DFA9FF



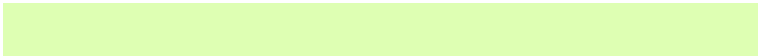
FF62DB

Sweetspot

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



81E200



DEFFB3



E25E00



6C8052



000000



808080

Same Dimension

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



81E200



92FF00



13E200



6B7065



64B000



1C3000

Inverse Universe

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



6100E2



6D00FF



CF00E2



6A6570



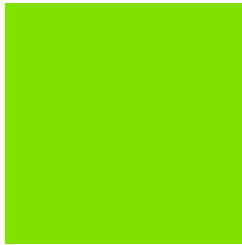
4C00B0



150030

Previews

White Background



This preview shows how the Hex color 81E200 looks on a white background.

Color Contrast Check

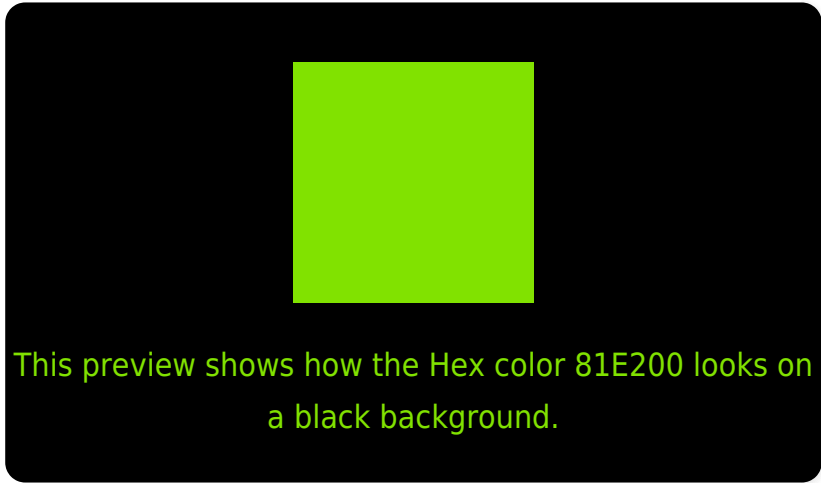
Large Text (above 18pt) WCAG AA × Fail

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 81E200 Background



This preview shows how black text looks on a background with the Hex color 81E200.

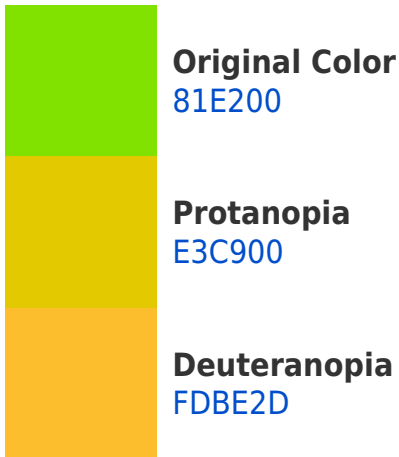


This preview shows how white text looks on a background with the Hex color 81E200.

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



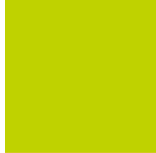


Tritanopia
9CD2E3

Trichromacy



Original Color
81E200



Protanomaly
BFD200



Deuteranomaly
D0CB1D

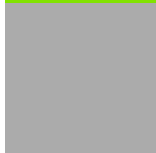


Tritanomaly
92D890

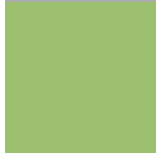
Monochromacy



Original Color
81E200



Achromatopsia
ABABAB



Achromatomaly
9CBF6D

CSS Examples

Text

The CSS property to change the color of the text to Hex 81E200 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 #81E200 looks like.

```
.text, #text, p{  
    color:#81E200  
}
```

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 #81E200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81E200
}
```

Border

The CSS property to change the border of an element to Hex 81E200 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
#81E200 }
```

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

```
.border{ border-color:#81E200 }
```

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

Here you see how a box with a 4 pixel #81E200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81E200; -webkit-box-shadow:4px 4px  
4px 4px #81E200; box-shadow:4px 4px 4px  
4px #81E200 }
```

Background

The CSS property to change the background color of an element to Hex 81E200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81E200 }
```

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

```
.background{ background-color:#81E200 }
```

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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