

Converting Colors

Hex(81C200)

Have a look what the booklet for
Hex(81C200) contains.

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Color

Hex(81C200)

Conversions

Conversions Part 1

Format	Color
Hex	81C200
RGB	129, 194, 0
RGB Percent	51%, 76%, 0%
CMY	0.4941, 0.2392, 1.0000
CMYK	0.34, 0.00, 1.00, 0.24
HSL	80°, 100%, 38%
HSV	80°, 100%, 76%
XYZ	28.3450, 43.2507, 6.8543
YIQ	152.4490, 23.5340, -74.1140

Conversions

Conversions Part 2

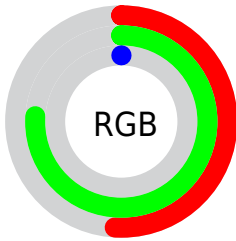
Format	Color
RYB	0, 194, 65
Decimal	8503808
CIELab	71.72, -44.07, 71.69
CIELCh	72, 84.152, 121.581
Yxy	43.2507, 0.3613, 0.5513
Android (android.graphics.Color)	4286693888 (0xFF81C200)
YUV	152.4490, -75.1574, -20.5648
Hunter-Lab	65.7653, -38.1551, 39.8563

Details

The Hex color **81C200** is a dark color, and the websafe version is hex **99CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **4100C2**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **BBFB51**, and **478C00** is the 20% darker color. If you saturate the color by 10%, you get **81C200**, and if you desaturate by 10%, it is **87C213**.

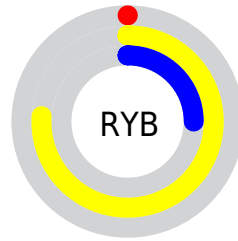
Distribution



Red (51%)

Green (76%)

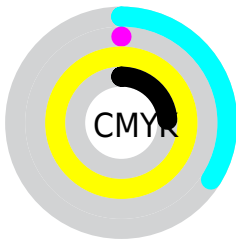
Blue (0%)



Red (0%)

Yellow (76%)

Blue (25%)

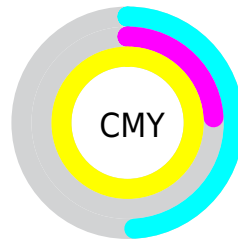


Cyan (34%)

Magenta (0%)

Yellow (100%)

Black (24%)



Cyan (49%)


Magenta (24%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81C200 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 81C200 by changing the saturation by 10% instead.

 81C200

 81C200

FFFFFF

 64A700

 BBFB51

 478C00

 D9FF6E

 297200

 F7FF8A

 005900

 FFFFA7

 004100


 FFFFC3

 002B00

 FFFFE1

 000C00

 000000

 81C200

 87C213

 8EC227

 94C23A

 9BC24E

 A1C261

 A8C274

 AEC288

 B5C29B

 BBC2AF

Harmonies

Analogous

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



CFAE00



81C200



00CD62

Triad

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



81C200



00CAFF



FF5AAF

Complementary

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



81C200



4100C2

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.



FF73FA



81C200



00B8FF

Square

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



81C200



00D2FF



B199FF



FF6B64

Rectangle

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



81C200



00D197



B199FF



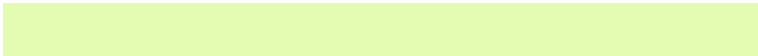
FF5EC9

Sweetspot

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



81C200



E3FCB1



C24100



708052



000000



808080

Same Dimension

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



81C200



A8FC00



20C200



5E6157



6BA100



162100

Inverse Universe

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



4100C2



5500FC



A200C2



5A5761



3600A1



0B0021

Previews

White Background



This preview shows how the Hex color 81C200 looks on a white background.

Color Contrast Check

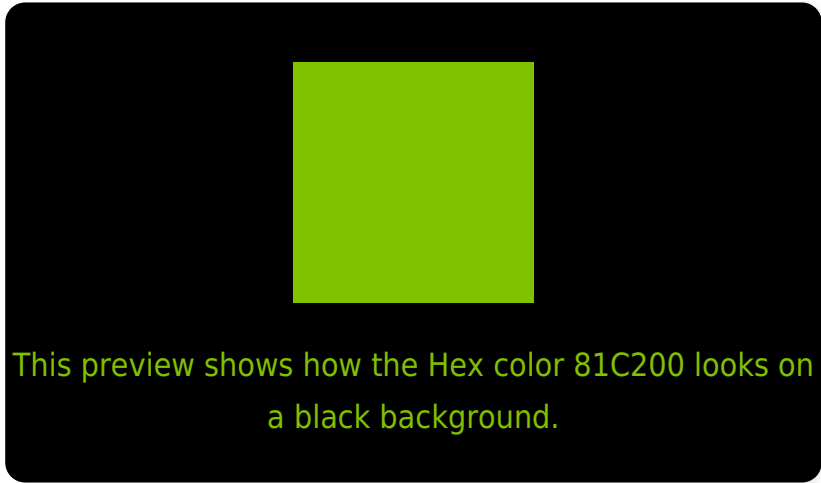
Large Text (above 18pt) WCAG AA × Fail

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 81C200 Background



This preview shows how black text looks on a background with the Hex color 81C200.



This preview shows how white text looks on a background with the Hex color 81C200.

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



Original Color
81C200

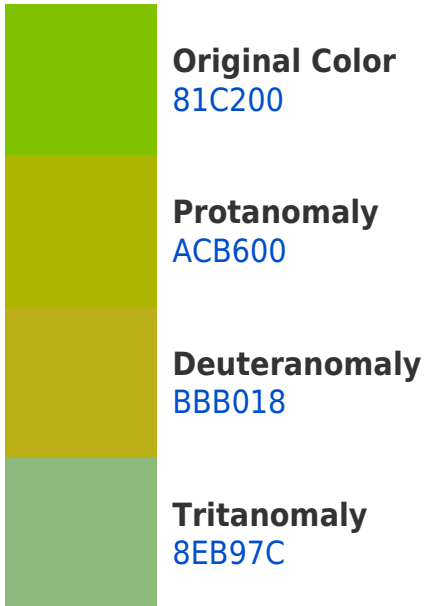
Protanopia
C5AF00

Deuteranopia
DCA625

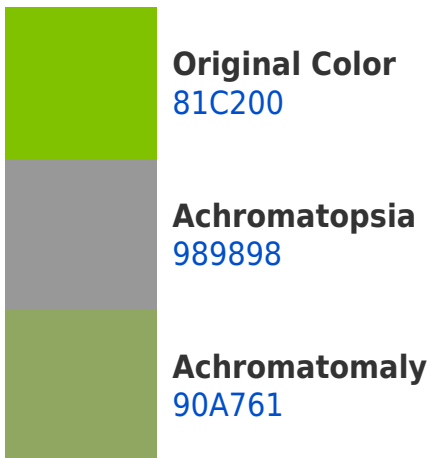


Tritanopia
95B4C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 81C200 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 #81C200 looks like.

```
.text, #text, p{  
    color:#81C200  
}
```

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 #81C200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81C200
}
```

Border

The CSS property to change the border of an element to Hex 81C200 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
#81C200 }
```

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

```
.border{ border-color:#81C200 }
```

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

Here you see how a box with a 4 pixel #81C200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81C200; -webkit-box-shadow:4px 4px  
4px 4px #81C200; box-shadow:4px 4px 4px  
4px #81C200 }
```

Background

The CSS property to change the background color of an element to Hex 81C200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81C200 }
```

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

```
.background{ background-color:#81C200 }
```

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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