

Converting Colors

Hex(81C032)

Have a look what the booklet for
Hex(81C032) contains.

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Color

Hex(81C032)

Conversions

Conversions Part 1

Format	Color
Hex	81C032
RGB	129, 192, 50
RGB Percent	51%, 75%, 20%
CMY	0.4941, 0.2471, 0.8039
CMYK	0.33, 0.00, 0.74, 0.25
HSL	87°, 59%, 47%
HSV	87°, 74%, 75%
XYZ	28.4786, 42.5967, 9.7386
YIQ	156.9750, 8.0340, -57.5180

Conversions

Conversions Part 2

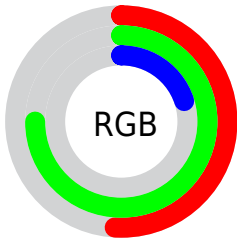
Format	Color
RYB	50, 192, 113
Decimal	8503346
CIELab	71.28, -41.63, 61.04
CIELCh	71, 73.886, 124.295
Yxy	42.5967, 0.3524, 0.5271
Android (android.graphics.Color)	4286693426 (0xFF81C032)
YUV	156.9750, -52.7387, -24.5341
Hunter-Lab	65.2661, -36.3280, 36.8394

Details

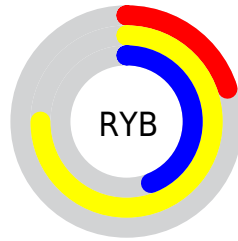
The Hex color **81C032** is a dark color, and the websafe version is hex **99CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **7132C0**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **BAF96A**, and **498A00** is the 20% darker color. If you saturate the color by 10%, you get **78C01F**, and if you desaturate by 10%, it is **8AC045**.

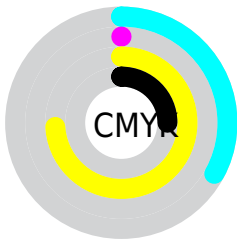
Distribution



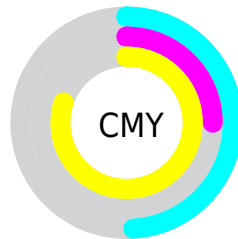
- Red (51%)
- Green (75%)
- Blue (20%)



- Red (20%)
- Yellow (75%)
- Blue (44%)



- Cyan (33%)
- Magenta (0%)
- Yellow (74%)
- Black (25%)



- Cyan (49%)
- Magenta (25%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81C032 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 81C032 by changing the saturation by 10% instead.



81C032



81C032

FFFFFF



65A50E



BAF96A



498A00



D7FF85



2B7000



F5FFA1



035700



FFFFBE



003F00



FFFFDA



002A00



FFFFF8



000900



000000



81C032



81C032

■ 78C01F

■ 8AC045

■ 70C00C

■ 92C058

■ 6BC000

■ 9BC06C

■ A3C07F

■ ACC092

■ B4C0A5

■ BDC0B8

■ C5C0CC

■ CEC0DF

Harmonies

Analogous

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



C7AF00



81C032



00CA71

Triad

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



81C032



00C5FF



FF6AA8

Complementary

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



81C032



7132C0

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.



FF7AEA



81C032



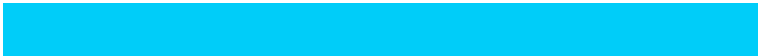
00B3FF

Square

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



81C032



00CDF9



BC98FF



FF7966

Rectangle

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



81C032



00CD9F



BC98FF



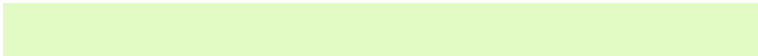
FF6CBE

Sweetspot

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



81C032



E2FAC3



C07032



6F7D5C



FCFCFC



7D7D7D

Same Dimension

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



81C032



97FA1B



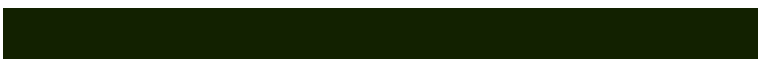
3BC032



5D6157



59A100



122100

Inverse Universe

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



7132C0



7E1BFA



B732C0



5C5761



4700A1



0F0021

Previews

White Background



This preview shows how the Hex color 81C032 looks on a white background.

Color Contrast Check

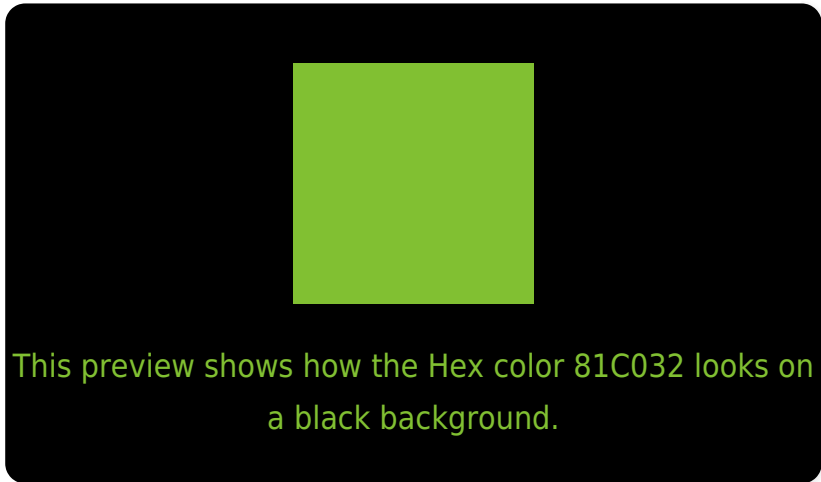
Large Text (above 18pt) WCAG AA × Fail

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 81C032 Background



This preview shows how black text looks on a background with the Hex color 81C032.



This preview shows how white text looks on a background with the Hex color 81C032.

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
81C032

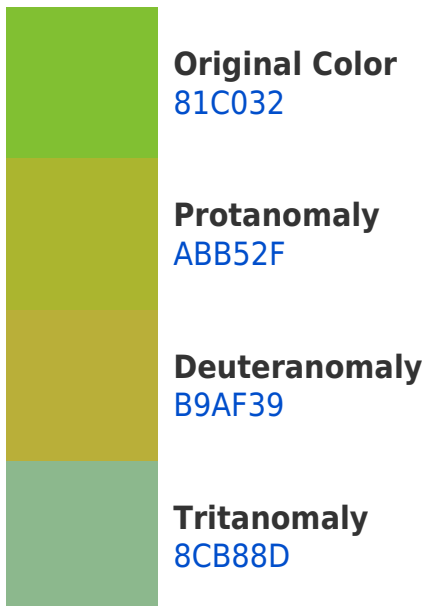
Protanopia
C3AE2D

Deuteranopia
D9A53D

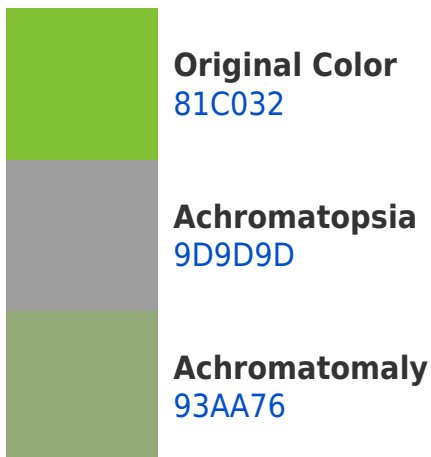


Tritanopia
93B3C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 81C032 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 #81C032 looks like.

```
.text, #text, p{  
    color:#81C032  
}
```

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 #81C032 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81C032
}
```

Border

The CSS property to change the border of an element to Hex 81C032 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
#81C032 }
```

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

```
.border{ border-color:#81C032 }
```

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

Here you see how a box with a 4 pixel #81C032 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81C032; -webkit-box-shadow:4px 4px  
4px 4px #81C032; box-shadow:4px 4px 4px  
4px #81C032 }
```

Background

The CSS property to change the background color of an element to Hex 81C032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81C032 }
```

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

```
.background{ background-color:#81C032 }
```

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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