

Converting Colors

Hex(82CB1D)

Have a look what the booklet for
Hex(82CB1D) contains.

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Color

Hex(82CB1D)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 82CB1D |
| RGB | 130, 203, 29 |
| RGB Percent | 51%, 80%, 11% |
| CMY | 0.4902, 0.2039, 0.8863 |
| CMYK | 0.36, 0.00, 0.86, 0.20 |
| HSL | 85°, 75%, 45% |
| HSV | 85°, 86%, 80% |
| XYZ | 30.7836, 47.5464, 8.7173 |
| YIQ | 161.3370, 12.3460, -69.5900 |

Conversions

Conversions Part 2

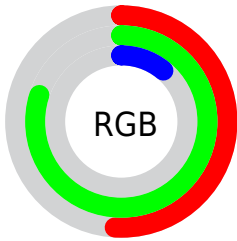
| Format | Color |
|-------------------------------------|--|
| RYB | 29, 203, 102 |
| Decimal | 8571677 |
| CIELab | 74.54, -46.88, 69.90 |
| CIELCh | 75, 84.165, 123.848 |
| Yxy | 47.5464, 0.3536, 0.5462 |
| Android (android.graphics.Color) | 4286761757 (0xFF82CB1D) |
| YUV | 161.3370, -65.2421, -27.4825 |
| Hunter-Lab | 68.9539, -40.9802, 40.7722 |

Details

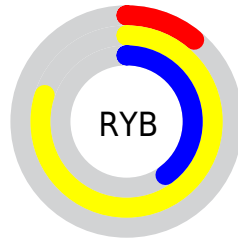
The Hex color **82CB1D** is a dark color, and the websafe version is hex **99CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **661DCB**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **BCFF5D**, and **489400** is the 20% darker color. If you saturate the color by 10%, you get **79CB09**, and if you desaturate by 10%, it is **8BCB31**.

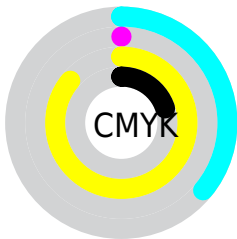
Distribution



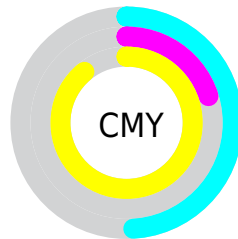
- Red (51%)
- Green (80%)
- Blue (11%)



- Red (11%)
- Yellow (80%)
- Blue (40%)



- Cyan (36%)
- Magenta (0%)
- Yellow (86%)
- Black (20%)



- Cyan (49%)
- Magenta (20%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 82CB1D 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 82CB1D by changing the saturation by 10% instead.

 82CB1D

 82CB1D

FFFFFF

 65AF00

 BCFF5D

 489400

 DAFF7A

 287A00

 F8FF96

 006100

 FFFFB3

 004800

 FFFFD0

 003100

 FFFFED

 001800

 000000

 82CB1D

 82CB1D

 79CB09

 8BCB31

 76CB00

 93CB46

 9CCB5A

 A4CB6E

 ADCB83

 B5CB97

 BECBAB

 C6CBBF

 CFCBD4

Harmonies

Analogous

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



D2B700



82CB1D



00D66F

Triad

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



82CB1D



00D1FF



FF63B1

Complementary

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



82CB1D



661DCB

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.



FF78FD



82CB1D



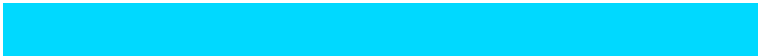
00BEFF

Square

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



82CB1D



00D9FF



C39EFF



FF7666

Rectangle

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



82CB1D



00DAA4



C39EFF



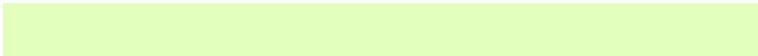
FF66CB

Sweetspot

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



82CB1D



E3FFBD



CB661D



6F8058



000000



808080

Same Dimension

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



82CB1D



94FF00



2CCB1D



62665C



60A600



162600

Inverse Universe

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



661DCB



6B00FF



BC1DCB



605C66



4600A6



100026

Previews

White Background



This preview shows how the Hex color 82CB1D looks on a white background.

Color Contrast Check

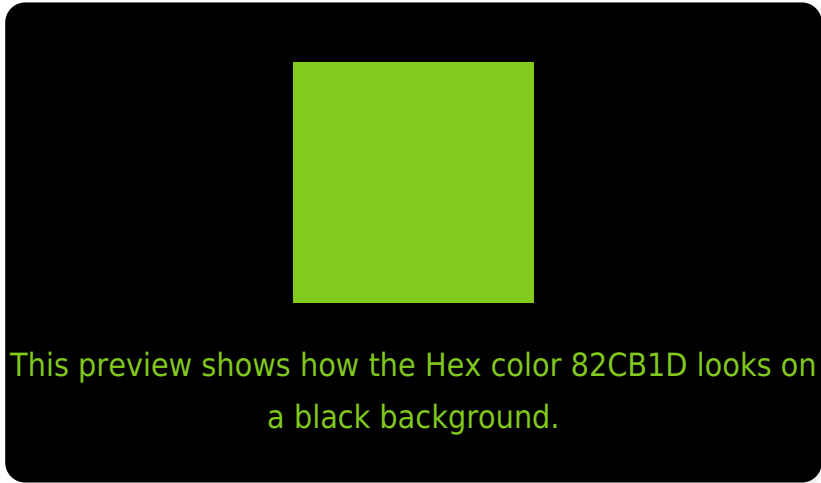
Large Text (above 18pt) WCAG AA × Fail

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 82CB1D Background



This preview shows how black text looks on a background with the Hex color 82CB1D.

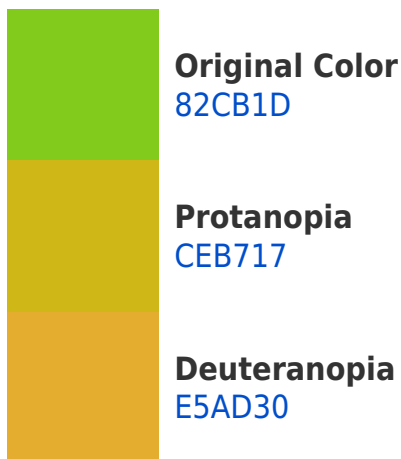


This preview shows how white text looks on a background with the Hex color 82CB1D.

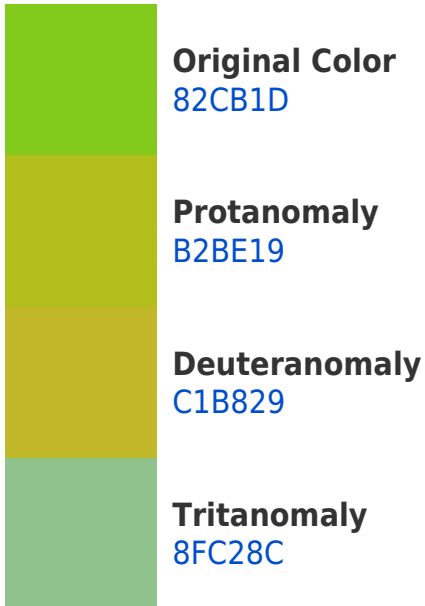
Color Blindness Simulation

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](#).

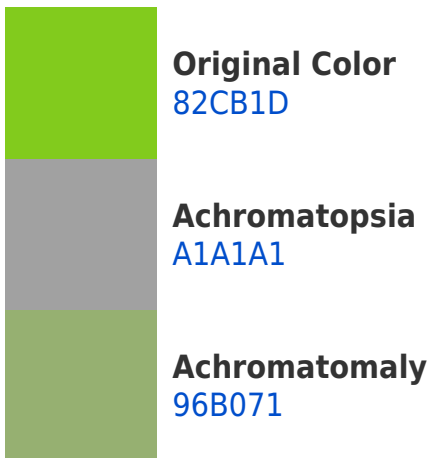
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 82CB1D 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 #82CB1D looks like.

```
.text, #text, p{  
    color:#82CB1D  
}
```

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 #82CB1D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82CB1D
}
```

Border

The CSS property to change the border of an element to Hex 82CB1D 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
#82CB1D }
```

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

```
.border{ border-color:#82CB1D }
```

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

Here you see how a box with a 4 pixel #82CB1D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82CB1D; -webkit-box-shadow:4px 4px  
4px 4px #82CB1D; box-shadow:4px 4px 4px  
4px #82CB1D }
```

Background

The CSS property to change the background color of an element to Hex 82CB1D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82CB1D }
```

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

```
.background{ background-color:#82CB1D }
```

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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