

# Converting Colors

Hex(82C714)

Have a look what the booklet for  
Hex(82C714) contains.

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**Color**

**Hex(82C714)**

# Conversions

## Conversions Part 1

Format	Color
Hex	82C714
RGB	130, 199, 20
RGB Percent	51%, 78%, 8%
CMY	0.4902, 0.2196, 0.9216
CMYK	0.35, 0.00, 0.90, 0.22
HSL	83°, 82%, 43%
HSV	83°, 90%, 78%
XYZ	29.7556, 45.6432, 7.9036
YIQ	157.9630, 16.3350, -70.2970

# Conversions

## Conversions Part 2

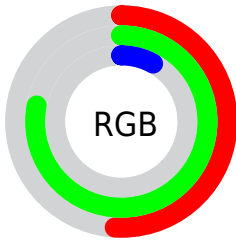
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">20, 199, 89</a>
Decimal	<a href="#">8570644</a>
CIELab	<a href="#">73.31, -45.47, 70.56</a>
CIELCh	<a href="#">73, 83.939, 122.796</a>
Yxy	<a href="#">45.6432, 0.3572, 0.5479</a>
Android (android.graphics.Color)	<a href="#">4286760724 (0xFF82C714)</a>
YUV	<a href="#">157.9630, -68.0158, -24.5236</a>
Hunter-Lab	<a href="#">67.5597, -39.6121, 40.3557</a>

# Details

The Hex color **82C714** 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 **5914C7**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **BCFF58**, and **489100** is the 20% darker color. If you saturate the color by 10%, you get **7AC700**, and if you desaturate by 10%, it is **8AC728**.

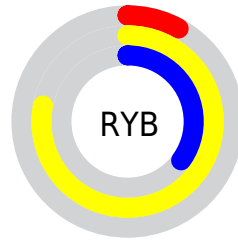
# Distribution



Red (51%)

Green (78%)

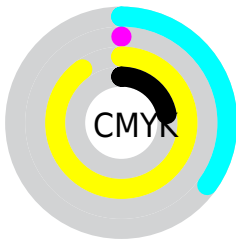
Blue (8%)



Red (8%)

Yellow (78%)

Blue (35%)

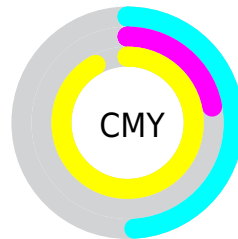


Cyan (35%)

Magenta (0%)

Yellow (90%)

Black (22%)



Cyan (49%)

Magenta (22%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 82C714 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 82C714 by changing the saturation by 10% instead.



 82C714

 82C714

FFFFFF

 65AB00

 BCFF58

 489100

 DAFF75

 297600

 F8FF91

 005D00

 FFFFAE

 004500

 FFFFCB

 002E00

 FFFFEB

 001400

 000000

 82C714

 82C714

 7AC700

 8AC728

 91C73C

 99C750

 A1C764

 A8C778

 B0C78B

 B8C79F

 BFC7B3

 C7C7C7

# Harmonies

## Analogous

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



D1B300



82C714



00D269

# Triad

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



82C714



00CEFF



FF60B0

# Complementary

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



82C714



5914C7

# 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.



FF76FC



82C714



00BBFF

# Square

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



82C714



00D6FF



BB9CFF



FF7265

# Rectangle

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



82C714



00D69E



BB9CFF



FF63CA

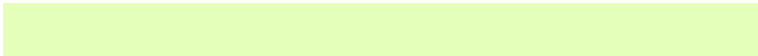


# Sweetspot

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



82C714



E4FFBA



C75914



708057



000000



808080



# Same Dimension

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



82C714



9DFF00



29C714



60635A



64A300



162400



# Inverse Universe

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



5914C7



6200FF



B214C7



5D5A63



3F00A3



0E0024



# Previews

## White Background



This preview shows how the Hex color 82C714 looks on a white background.

## Color Contrast Check

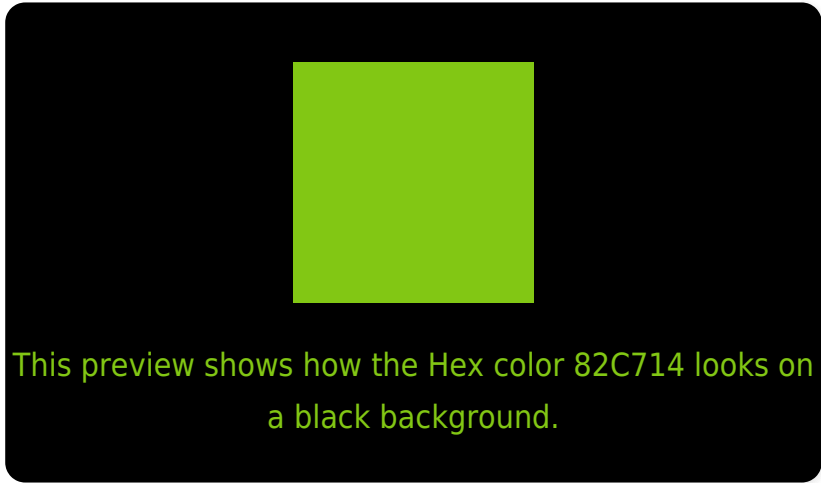
Large Text (above 18pt) WCAG AA × Fail

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 82C714 Background



This preview shows how black text looks on a background with the Hex color 82C714.

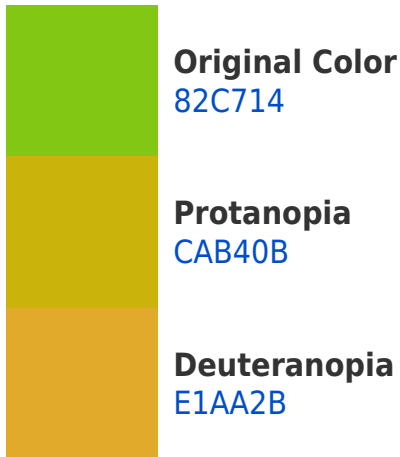


This preview shows how white text looks on a background with the Hex color 82C714.

# 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](#).

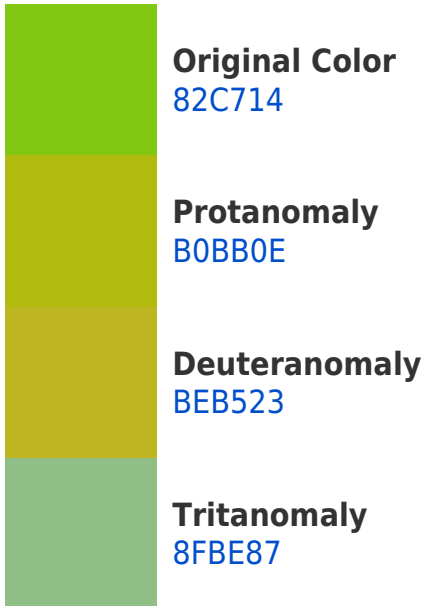
## Dichromacy





**Tritanopia**  
96B9C8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 82C714 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 #82C714 looks like.

```
.text, #text, p{  
    color:#82C714  
}
```

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 #82C714 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82C714
}
```

## Border

The CSS property to change the border of an element to Hex 82C714 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
#82C714 }
```

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

```
.border{ border-color:#82C714 }
```

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

Here you see how a box with a 4 pixel #82C714 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82C714; -webkit-box-shadow:4px 4px  
4px 4px #82C714; box-shadow:4px 4px 4px  
4px #82C714 }
```

# Background

The CSS property to change the background color of an element to Hex 82C714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82C714 }
```

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

```
.background{ background-color:#82C714 }
```

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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