

# Converting Colors

Hex(85B82C)

Have a look what the booklet for  
Hex(85B82C) contains.

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**Color**

**Hex(85B82C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	85B82C
RGB	133, 184, 44
RGB Percent	52%, 72%, 17%
CMY	0.4784, 0.2784, 0.8275
CMYK	0.28, 0.00, 0.76, 0.28
HSL	82°, 61%, 45%
HSV	82°, 76%, 72%
XYZ	27.2680, 39.4494, 8.5602
YIQ	152.7910, 14.5440, -54.3520

# Conversions

## Conversions Part 2

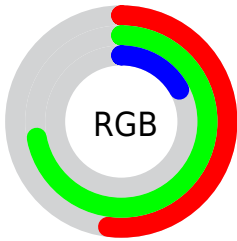
<b>Format</b>	<b>Color</b>
<b>RYB</b>	44, 184, 95
Decimal	8763436
CIELab	69.08, -36.94, 61.00
CIELCh	69, 71.315, 121.195
Yxy	39.4494, 0.3622, 0.5241
Android (android.graphics.Color)	4286953516 (0xFF85B82C)
YUV	152.7910, -53.6340, -17.3567
Hunter-Lab	62.8087, -32.4207, 35.8855

# Details

The Hex color **85B82C** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **5F2CB8**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **BEF064**, and **4E8300** is the 20% darker color. If you saturate the color by 10%, you get **7EB81A**, and if you desaturate by 10%, it is **8CB83E**.

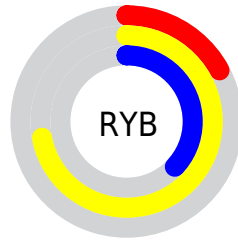
# Distribution



Red (52%)

Green (72%)

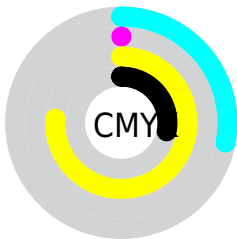
Blue (17%)



Red (17%)

Yellow (72%)

Blue (37%)

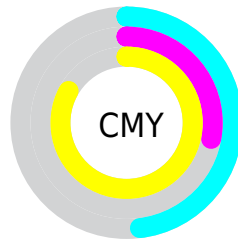


Cyan (28%)

Magenta (0%)

Yellow (76%)

Black (28%)



Cyan (48%)

Magenta (28%)

Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 85B82C 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 85B82C by changing the saturation by 10% instead.





85B82C



85B82C

FFFFFF



699D03



BEF064



4E8300



DBFF80



326900



F8FF9B



115100



FFFFB8



003900



FFFFD4



002500



FFFFF1



000000



85B82C



85B82C



7EB81A



8CB83E

 78B807

 92B851

 75B800

 99B863

 A0B876

 A7B888

 ADB89A

 B4B8AD

 BBB8BF

 C1B8D2

# Harmonies

## Analogous

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



C6A606



85B82C



00C267

# Triad

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



85B82C



00BFFF



FF68A9

# Complementary

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



85B82C



5F2CB8

# 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.



F879E8



85B82C



00AFFF

# Square

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



85B82C



00C6EA



AB96FF



FF736A

# Rectangle

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



85B82C



00C693



AB96FF



FF6BBF



# Sweetspot

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



85B82C



DCF0B9



B85D2C



6C7856



F7F7F7



787878



# Same Dimension

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



85B82C



A0F016



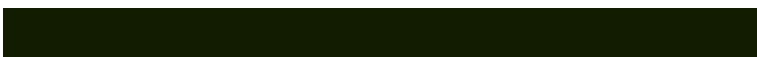
41B82C



585C53



639C00



121C00



# Inverse Universe

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



5F2CB8



6516F0



A32CB8



56535C



39009C



0A001C



# Previews

## White Background



This preview shows how the Hex color 85B82C looks on a white background.

## Color Contrast Check

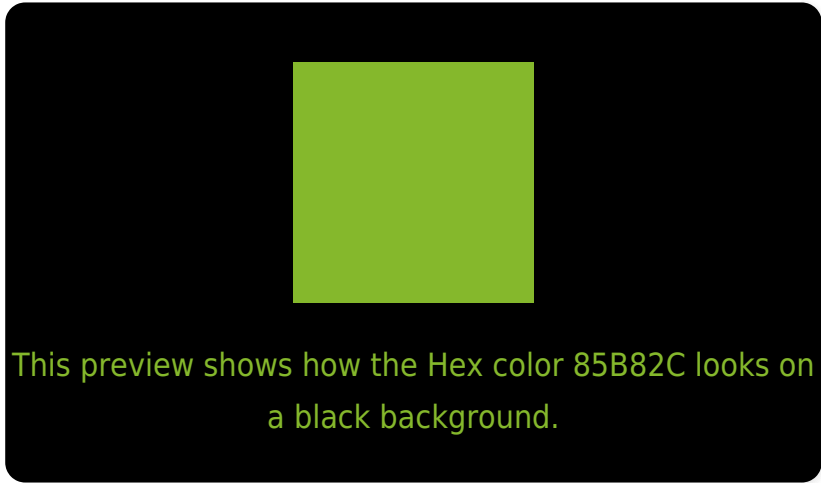
Large Text (above 18pt) WCAG AA × Fail

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 85B82C Background



This preview shows how black text looks on a background with the Hex color 85B82C.

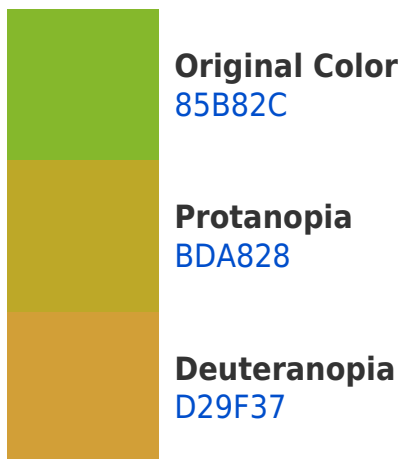


This preview shows how white text looks on a background with the Hex color 85B82C.

# 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](#).

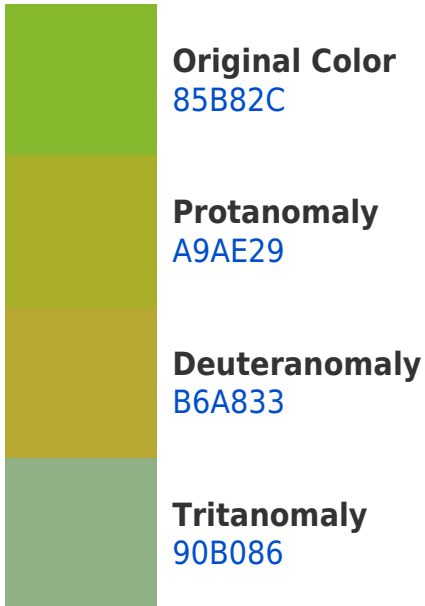
## Dichromacy





**Tritanopia**  
96ACB9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 85B82C 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 #85B82C looks like.

```
.text, #text, p{  
    color:#85B82C  
}
```

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 #85B82C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85B82C
}
```

## Border

The CSS property to change the border of an element to Hex 85B82C 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
#85B82C }
```

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

```
.border{ border-color:#85B82C }
```

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

Here you see how a box with a 4 pixel #85B82C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85B82C; -webkit-box-shadow:4px 4px  
4px 4px #85B82C; box-shadow:4px 4px 4px  
4px #85B82C }
```

# Background

The CSS property to change the background color of an element to Hex 85B82C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85B82C }
```

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

```
.background{ background-color:#85B82C }
```

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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