

# Converting Colors

Hex(85A12C)

Have a look what the booklet for  
Hex(85A12C) contains.

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**Color**

**Hex(85A12C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	85A12C
RGB	133, 161, 44
RGB Percent	52%, 63%, 17%
CMY	0.4784, 0.3686, 0.8275
CMYK	0.17, 0.00, 0.73, 0.37
HSL	74°, 57%, 40%
HSV	74°, 73%, 63%
XYZ	22.8724, 30.6581, 7.0950
YIQ	139.2900, 20.8690, -42.3230

# Conversions

## Conversions Part 2

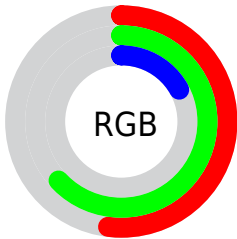
Format	Color
<a href="#">RYB</a>	<a href="#">44, 161, 72</a>
Decimal	<a href="#">8757548</a>
CIELab	<a href="#">62.22, -26.15, 54.38</a>
CIELCh	<a href="#">62, 60.337, 115.679</a>
Yxy	<a href="#">30.6581, 0.3773, 0.5057</a>
Android (android.graphics.Color)	<a href="#">4286947628 (0xFF85A12C)</a>
YUV	<a href="#">139.2900, -46.9780, -5.5163</a>
Hunter-Lab	<a href="#">55.3698, -23.1617, 31.1615</a>

# Details

The Hex color **85A12C** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **482CA1**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **BDD862**, and **4F6D00** is the 20% darker color. If you saturate the color by 10%, you get **81A11C**, and if you desaturate by 10%, it is **89A13C**.

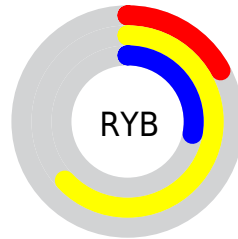
# Distribution



Red (52%)

Green (63%)

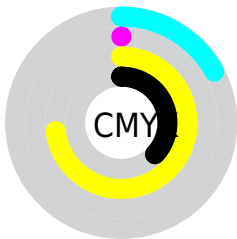
Blue (17%)



Red (17%)

Yellow (63%)

Blue (28%)

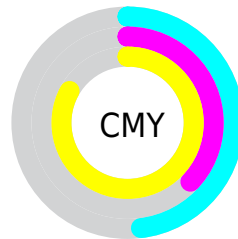


Cyan (17%)

Magenta (0%)

Yellow (73%)

Black (37%)



Cyan (48%)

Magenta (37%)

Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 85A12C 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 85A12C by changing the saturation by 10% instead.





85A12C



85A12C

FFFFFF



6A870A



BDD862



4F6D00



DAF47C



365500



F7FF98



1A3E00



FFFFB3



002700



FFFFD0



000F00



FFFFED



000000



85A12C



85A12C



81A11C



89A13C

■ 7DA10C

■ 8DA14C

■ 7AA100

■ 91A15C

■ 94A16C

■ 98A17C

■ 9CA18D

■ A0A19D

■ A4A1AD

■ A8A1BD

# Harmonies

## Analogous

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



B99120



85A12C



3BAB57

# Triad

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



85A12C



00ABEE



F264A0

# Complementary

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



85A12C



482CA1

# 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.



D074D4



85A12C



009FFF

# Square

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



85A12C



00B0C3



898BF7



F6696B

# Rectangle

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



85A12C



00AE7A



898BF7



EA68B2



# Sweetspot

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



85A12C



C6D1A3



A1472C



62694D



E8E8E8



696969



# Same Dimension

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



85A12C



A6D11B



4BA12C



505249



6F9100



0E1200



# Inverse Universe

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



482CA1



471BD1



822CA1



4B4952



230091



040012



# Previews

## White Background



This preview shows how the Hex color 85A12C looks on a white background.

## Color Contrast Check

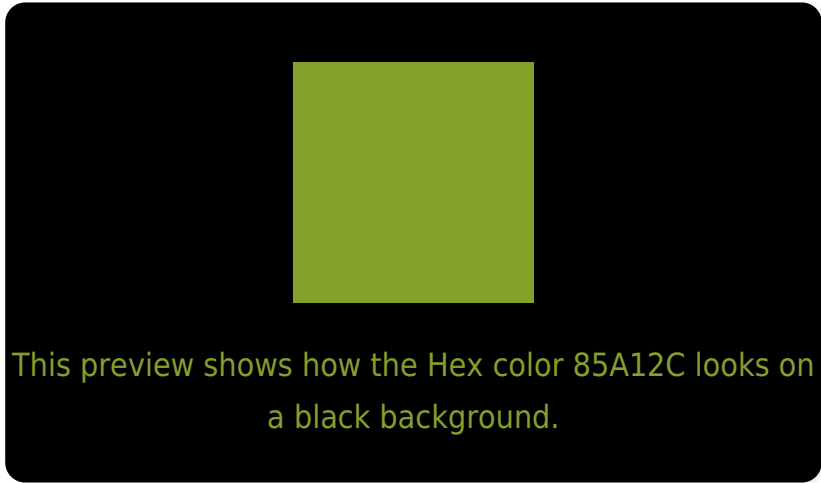
Large Text (above 18pt) WCAG AA × Fail

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 85A12C Background



This preview shows how black text looks on a background with the Hex color 85A12C.



This preview shows how white text looks on a background with the Hex color 85A12C.

# 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**  
85A12C

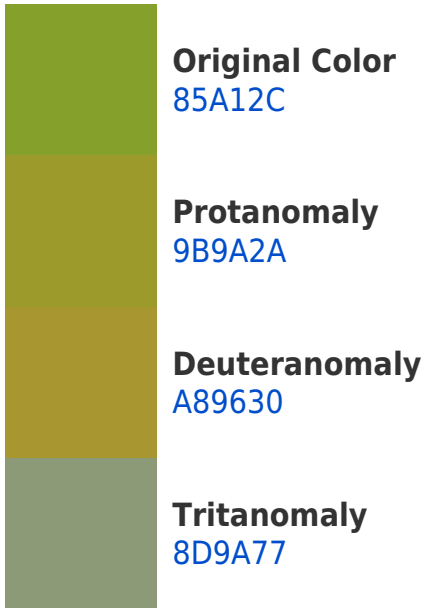
**Protanopia**  
A89629

**Deuteranopia**  
BC8F33

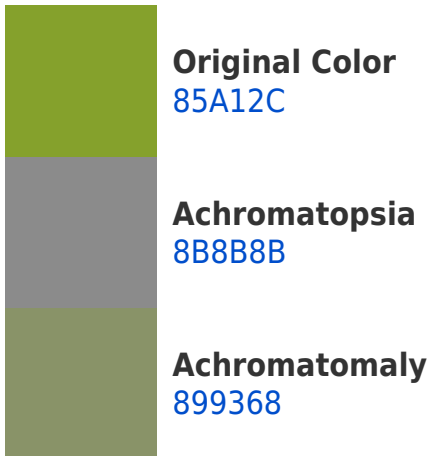


**Tritanopia**  
9196A2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 85A12C 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 #85A12C looks like.

```
.text, #text, p{  
    color:#85A12C  
}
```

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 #85A12C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85A12C }
}
```

## Border

The CSS property to change the border of an element to Hex 85A12C 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 #85A12C }
}
```

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

```
.border{ border-color:#85A12C }
```

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

Here you see how a box with a 4 pixel #85A12C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85A12C; -webkit-box-shadow:4px 4px  
4px 4px #85A12C; box-shadow:4px 4px 4px  
4px #85A12C }
```

# Background

The CSS property to change the background color of an element to Hex 85A12C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85A12C }
```

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

```
.background{ background-color:#85A12C }
```

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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