

Converting Colors

Hex(85AC2A)

Have a look what the booklet for
Hex(85AC2A) contains.

Hex(85AC2A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(85AC2A)

Conversions

Conversions Part 1

Format	Color
Hex	85AC2A
RGB	133, 172, 42
RGB Percent	52%, 67%, 16%
CMY	0.4784, 0.3255, 0.8353
CMYK	0.23, 0.00, 0.76, 0.33
HSL	78°, 61%, 42%
HSV	78°, 76%, 67%
XYZ	24.8433, 34.6588, 7.5709
YIQ	145.5190, 18.4860, -48.6980

Conversions

Conversions Part 2

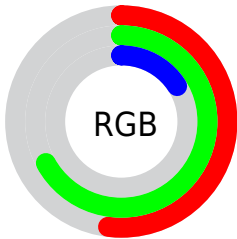
Format	Color
RYB	42, 172, 81
Decimal	8760362
CIELab	65.48, -31.53, 58.24
CIELCh	65, 66.230, 118.426
Yxy	34.6588, 0.3704, 0.5167
Android (android.graphics.Color)	4286950442 (0xFF85AC2A)
YUV	145.5190, -51.0349, -10.9792
Hunter-Lab	58.8717, -27.7001, 33.5855

Details

The Hex color **85AC2A** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **512AAC**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **BDE461**, and **4F7700** is the 20% darker color. If you saturate the color by 10%, you get **80AC19**, and if you desaturate by 10%, it is **8AAC3B**.

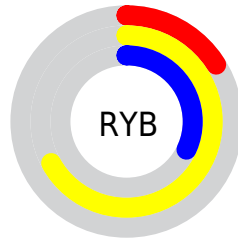
Distribution



Red (52%)

Green (67%)

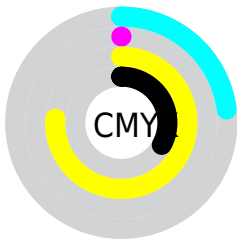
Blue (16%)



Red (16%)

Yellow (67%)

Blue (32%)

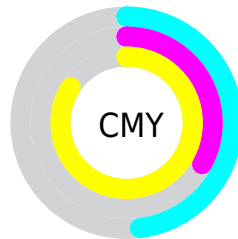


Cyan (23%)

Magenta (0%)

Yellow (76%)

Black (33%)



Cyan (48%)

Magenta (33%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85AC2A 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 85AC2A by changing the saturation by 10% instead.



85AC2A



85AC2A

FFFFFF



6A9102



BDE461



4F7700



DAFF7C



345F00



F8FF98



174700



FFFFB4



003000



FFFFD0



001C00



FFFFED



000000



85AC2A



85AC2A



80AC19



8AAC3B

 7BAC08

 8FAC4C

 78AC00

 94AC5E

 9AAC6F

 9FAC80

 A4AC91

 A9ACA2

 AEACB4

 B3ACC5

Harmonies

Analogous

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



BF9B14



85AC2A



25B65D

Triad

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



85AC2A



00B5FF



FF65A5

Complementary

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



85AC2A



512AAC

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.



E376DE



85AC2A



00A7FF

Square

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



85AC2A



00BAD6



9891FF



FF6D6A

Rectangle

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



85AC2A



00BA85



9891FF



FF69B9

Sweetspot

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



85AC2A



D1E0AD



AC512A



677051



F0F0F0



707070

Same Dimension

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



85AC2A



A3E014



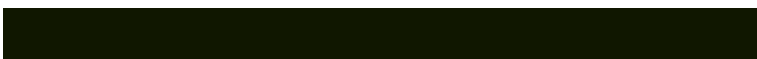
46AC2A



54574E



699600



101700

Inverse Universe

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



512AAC



5114E0



922AAC



514E57



2D0096



070017

Previews

White Background



This preview shows how the Hex color 85AC2A looks on a white background.

Color Contrast Check

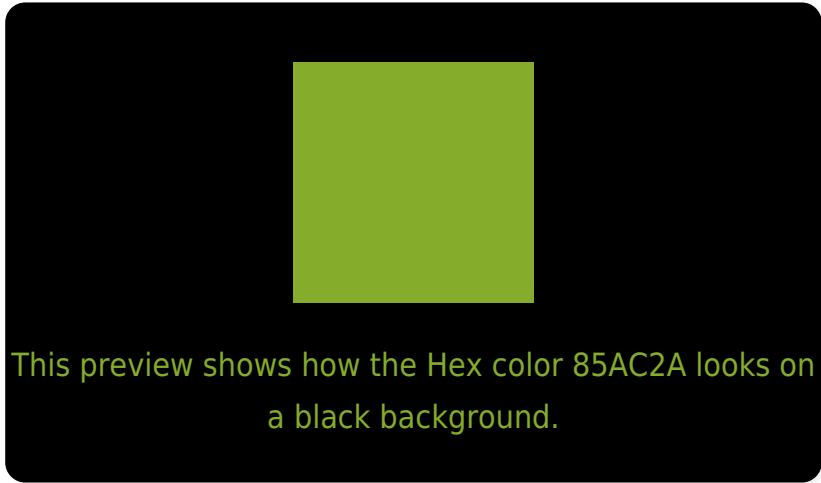
Large Text (above 18pt) WCAG AA × Fail

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 85AC2A Background



This preview shows how black text looks on a background with the Hex color 85AC2A.



This preview shows how white text looks on a background with the Hex color 85AC2A.

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
85AC2A

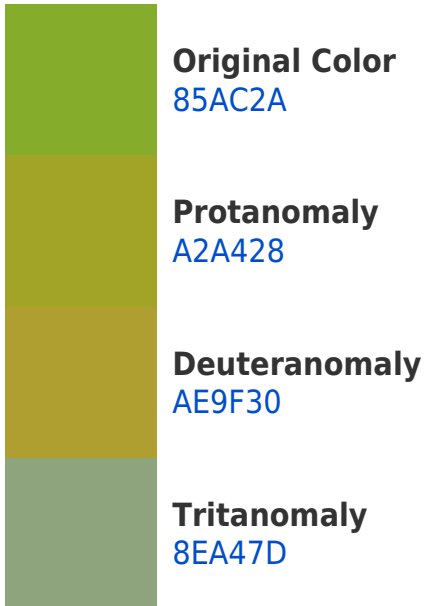
Protanopia
B29F27

Deuteranopia
C69733



Tritanopia
93A0AD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 85AC2A 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 #85AC2A looks like.

```
.text, #text, p{  
    color:#85AC2A  
}
```

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 #85AC2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85AC2A
}
```

Border

The CSS property to change the border of an element to Hex 85AC2A 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
#85AC2A }
```

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

```
.border{ border-color:#85AC2A }
```

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

Here you see how a box with a 4 pixel #85AC2A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85AC2A; -webkit-box-shadow:4px 4px  
4px 4px #85AC2A; box-shadow:4px 4px 4px  
4px #85AC2A }
```

Background

The CSS property to change the background color of an element to Hex 85AC2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85AC2A }
```

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

```
.background{ background-color:#85AC2A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor