

Converting Colors

Hex(85BA47)

Have a look what the booklet for
Hex(85BA47) contains.

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Color

Hex(85BA47)

Conversions

Conversions Part 1

Format	Color
Hex	85BA47
RGB	133, 186, 71
RGB Percent	52%, 73%, 28%
CMY	0.4784, 0.2706, 0.7216
CMYK	0.28, 0.00, 0.62, 0.27
HSL	88°, 45%, 50%
HSV	88°, 62%, 73%
XYZ	28.3691, 40.5593, 12.2948
YIQ	157.0430, 5.3270, -47.0010

Conversions

Conversions Part 2

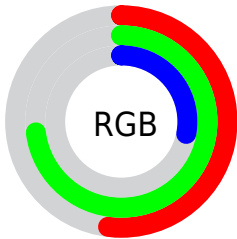
Format	Color
RYB	71, 186, 124
Decimal	8763975
CIELab	69.87, -35.96, 51.38
CIELCh	70, 62.714, 124.992
Yxy	40.5593, 0.3493, 0.4994
Android (android.graphics.Color)	4286954055 (0xFF85BA47)
YUV	157.0430, -42.4192, -21.0857
Hunter-Lab	63.6862, -31.9377, 33.1343

Details

The Hex color **85BA47** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **7C47BA**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **BDF27C**, and **4F840C** is the 20% darker color. If you saturate the color by 10%, you get **7CBA34**, and if you desaturate by 10%, it is **8EBA5A**.

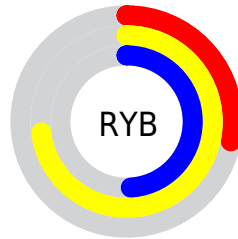
Distribution



Red (52%)

Green (73%)

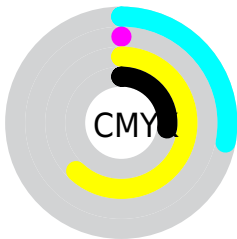
Blue (28%)



Red (28%)

Yellow (73%)

Blue (49%)

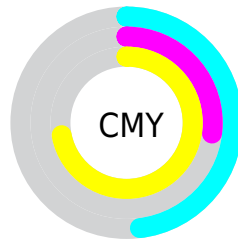


Cyan (28%)

Magenta (0%)

Yellow (62%)

Black (27%)



Cyan (48%)

Magenta (27%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85BA47 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 85BA47 by changing the saturation by 10% instead.



85BA47



85BA47

FFFFFF



6A9F2C



BDF27C



4F840C



DAFF97



346B00



F7FFB3



185200



FFFFCF



003B00



FFFEC



002600



000000



85BA47



85BA47



7CBA34



8EBA5A

 74BA22

 96BA6C

 6BBA0F

 9FBA7F

 64BA00

 A7BA91

 B0BAA4

 B8BAB7

 C1BAC9

 CABADC

 D2BAEE

Harmonies

Analogous

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



C0AB2F



85BA47



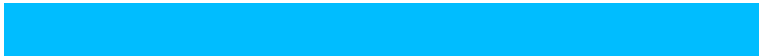
1DC378

Triad

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



85BA47



00BDFE



FF76A3

Complementary

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



85BA47



7C47BA

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.



F780DC



85BA47



3EAEFF

Square

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



85BA47



00C5EB



BA98FF



FF806D

Rectangle

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



85BA47



00C69F



BA98FF



FF77B7

Sweetspot

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



85BA47



DDF2C4



BA7B47



6D7A5E



FAFAFA



7A7A7A

Same Dimension

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



85BA47



A0F23F



4DBA47



585C53



549C00



0F1C00

Inverse Universe

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



7C47BA



923FF2



B447BA



57535C



48009C



0D001C

Previews

White Background



This preview shows how the Hex color 85BA47 looks on a white background.

Color Contrast Check

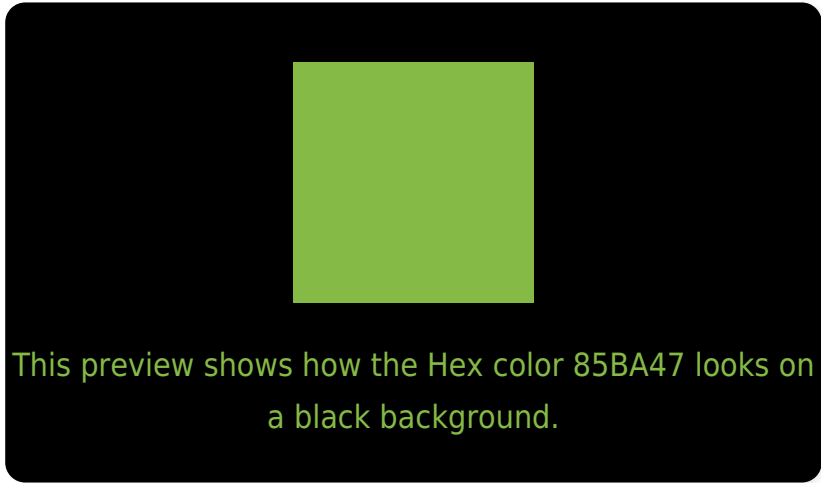
Large Text (above 18pt) WCAG AA × Fail

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 85BA47 Background



This preview shows how black text looks on a background with the Hex color 85BA47.



This preview shows how white text looks on a background with the Hex color 85BA47.

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
85BA47

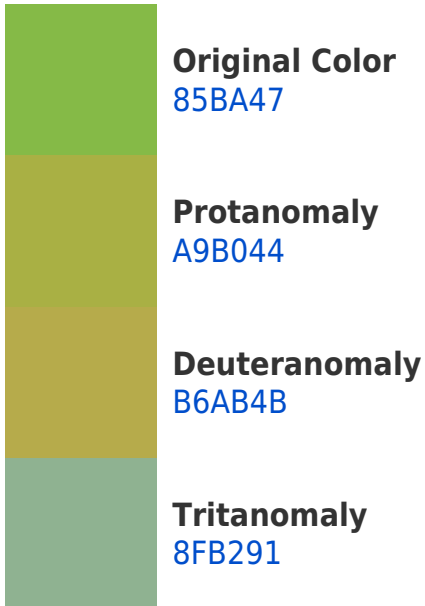
Protanopia
BEAA42

Deuteranopia
D2A24E



Tritanopia
95AEB3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 85BA47 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 #85BA47 looks like.

```
.text, #text, p{  
    color:#85BA47  
}
```

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 #85BA47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85BA47
}
```

Border

The CSS property to change the border of an element to Hex 85BA47 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
#85BA47 }
```

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

```
.border{ border-color:#85BA47 }
```

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

Here you see how a box with a 4 pixel #85BA47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85BA47; -webkit-box-shadow:4px 4px  
4px 4px #85BA47; box-shadow:4px 4px 4px  
4px #85BA47 }
```

Background

The CSS property to change the background color of an element to Hex 85BA47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85BA47 }
```

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

```
.background{ background-color:#85BA47 }
```

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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