

Converting Colors

Hex(84B45A)

Have a look what the booklet for
Hex(84B45A) contains.

Hex(84B45A)	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(84B45A)

Conversions

Conversions Part 1

Format	Color
Hex	84B45A
RGB	132, 180, 90
RGB Percent	52%, 71%, 35%
CMY	0.4824, 0.2941, 0.6471
CMYK	0.27, 0.00, 0.50, 0.29
HSL	92°, 38%, 53%
HSV	92°, 50%, 71%
XYZ	27.6824, 38.2862, 15.6038
YIQ	155.3880, 0.2820, -38.1660

Conversions

Conversions Part 2

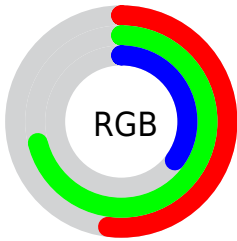
Format	Color
RYB	90, 180, 138
Decimal	8696922
CIELab	68.23, -31.63, 40.56
CIElCh	68, 51.442, 127.949
Yxy	38.2862, 0.3394, 0.4694
Android (android.graphics.Color)	4286887002 (0xFF84B45A)
YUV	155.3880, -32.2363, -20.5113
Hunter-Lab	61.8759, -28.4243, 28.3614

Details

The Hex color **84B45A** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **8A5AB4**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **BBEC8E**, and **4F7F28** is the 20% darker color. If you saturate the color by 10%, you get **7AB448**, and if you desaturate by 10%, it is **8EB46C**.

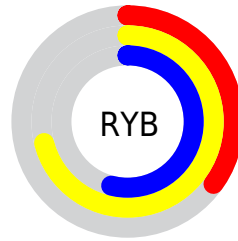
Distribution



Red (52%)

Green (71%)

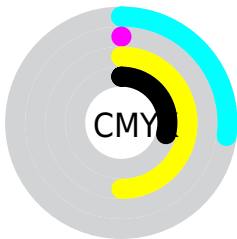
Blue (35%)



Red (35%)

Yellow (71%)

Blue (54%)

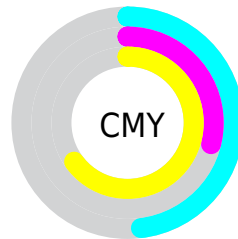


Cyan (27%)

Magenta (0%)

Yellow (50%)

Black (29%)



Cyan (48%)

Magenta (29%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84B45A 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 84B45A by changing the saturation by 10% instead.



84B45A



84B45A

FFFFFF



699941



BBEC8E



4F7F28



D7FFA9



36660D



F4FFC5



1B4D00



FFFFE1



003600

FFFFFFE



002200



000000



84B45A



84B45A



7AB448



8EB46C

 71B436

 97B47E

 67B424

 A1B490

 5EB412

 AAB4A2

 54B400

 B4B4B4

 BEB4C6

 C7B4D8

 D1B4EA

 DAB4FC

Harmonies

Analogous

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



B6A846



84B45A



3FBB82

Triad

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



84B45A



00B5FC



FD7E9C

Complementary

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



84B45A



8A5AB4

Split Complementary

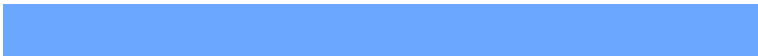
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



E985CA



84B45A



6CA7FF

Square

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



84B45A



00BCDE



BA95F0



F78770

Rectangle

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



84B45A



00BDA1



BA95F0



F97FAB

Sweetspot

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



84B45A



D8EBC7



B48A5A



6A7560



F5F5F5



757575

Same Dimension

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



84B45A



A0EB5E



5AB45D



545950



479900



0C1A00

Inverse Universe

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



8A5AB4



A95EEB



B45AB1



555059



520099



0E001A

Previews

White Background



This preview shows how the Hex color 84B45A looks on a white background.

Color Contrast Check

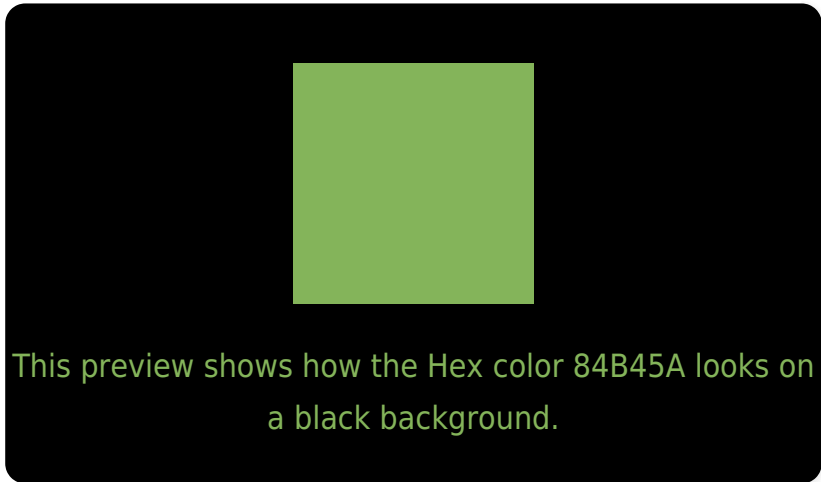
Large Text (above 18pt) WCAG AA × Fail

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 84B45A Background



This preview shows how black text looks on a background with the Hex color 84B45A.

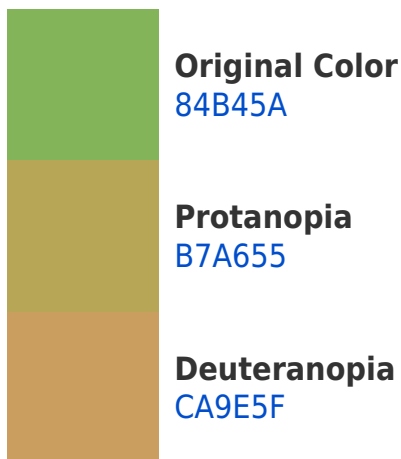


This preview shows how white text looks on a background with the Hex color 84B45A.

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](#).

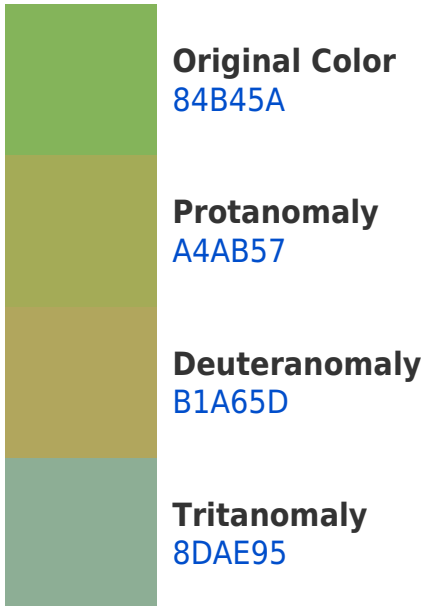
Dichromacy





Tritanopia
92AAB7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 84B45A 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 #84B45A looks like.

```
.text, #text, p{  
    color:#84B45A  
}
```

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 #84B45A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84B45A
}
```

Border

The CSS property to change the border of an element to Hex 84B45A 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
#84B45A }
```

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

```
.border{ border-color:#84B45A }
```

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

Here you see how a box with a 4 pixel #84B45A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84B45A; -webkit-box-shadow:4px 4px  
4px 4px #84B45A; box-shadow:4px 4px 4px  
4px #84B45A }
```

Background

The CSS property to change the background color of an element to Hex 84B45A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84B45A }
```

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

```
.background{ background-color:#84B45A }
```

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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