

Converting Colors

Hex(84B545)

Have a look what the booklet for
Hex(84B545) contains.

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Color

Hex(84B545)

Conversions

Conversions Part 1

Format	Color
Hex	84B545
RGB	132, 181, 69
RGB Percent	52%, 71%, 27%
CMY	0.4824, 0.2902, 0.7294
CMYK	0.27, 0.00, 0.62, 0.29
HSL	86°, 45%, 49%
HSV	86°, 62%, 71%
XYZ	27.1138, 38.3830, 11.6098
YIQ	153.5810, 6.7480, -45.2200

Conversions

Conversions Part 2

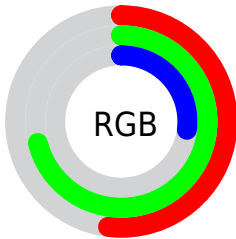
Format	Color
RYB	69, 181, 118
Decimal	8697157
CIELab	68.30, -34.23, 50.51
CIElCh	68, 61.013, 124.122
Yxy	38.3830, 0.3516, 0.4978
Android (android.graphics.Color)	4286887237 (0xFF84B545)
YUV	153.5810, -41.6984, -18.9265
Hunter-Lab	61.9540, -30.3000, 32.2572

Details

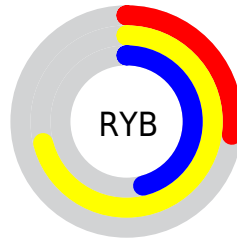
The Hex color **84B545** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **7645B5**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **BCED7A**, and **4E800A** is the 20% darker color. If you saturate the color by 10%, you get **7CB533**, and if you desaturate by 10%, it is **8CB557**.

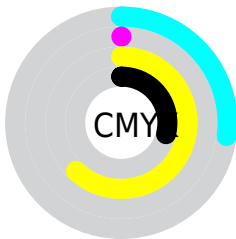
Distribution



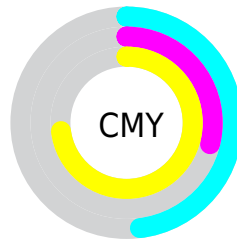
- Red (52%)
- Green (71%)
- Blue (27%)



- Red (27%)
- Yellow (71%)
- Blue (46%)



- Cyan (27%)
- Magenta (0%)
- Yellow (62%)
- Black (29%)



- Cyan (48%)
- Magenta (29%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84B545 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 84B545 by changing the saturation by 10% instead.



84B545



84B545

FFFFFF



699A2A



BCED7A



4E800A



D8FF95



336600



F6FFB0



184E00



FFFFCC



003700



FFFFE9



002300



000000



84B545



84B545



7CB533



8CB557

 74B521

 94B569

 6CB50F

 9CB57B

 66B500

 A4B58D

 ACB5A0

 B4B5B2

 BBB5C4

 C3B5D6

 CBB5E8

Harmonies

Analogous

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



BDA62F



84B545



26BE74

Triad

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



84B545



00B9FF



FF74A1

Complementary

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



84B545



7645B5

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.



F07ED8



84B545



39A AFF

Square

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



84B545



00C0E3



B395FF



FF7D6C

Rectangle

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



84B545



00C199



B395FF



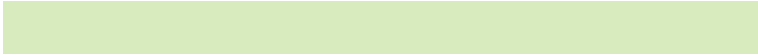
FF75B4

Sweetspot

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



84B545



D7EBBE



B57645



69755A



F5F5F5



757575

Same Dimension

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



84B545



9FEB3D



4CB545



555950



569900



0E1A00

Inverse Universe

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



7645B5



893DEB



AE45B5



545059



430099



0B001A

Previews

White Background



This preview shows how the Hex color 84B545 looks on a white background.

Color Contrast Check

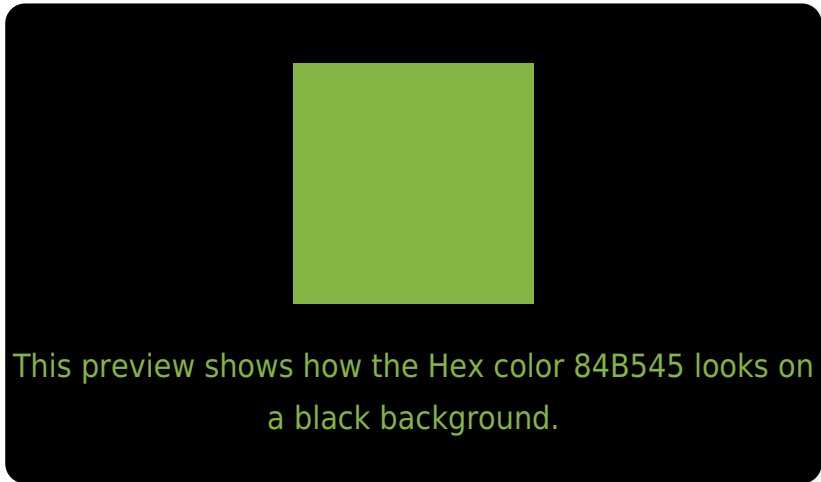
Large Text (above 18pt) WCAG AA × Fail

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 84B545 Background



This preview shows how black text looks on a background with the Hex color 84B545.

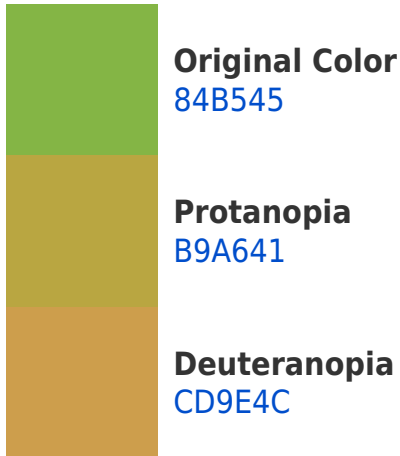


This preview shows how white text looks on a background with the Hex color 84B545.

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
93AAB7

Trichromacy



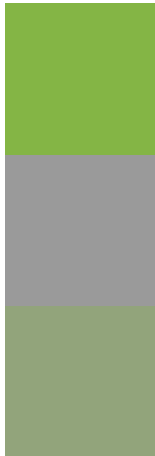
Original Color
84B545

Protanomaly
A6AB42

Deuteranomaly
B2A649

Tritanomaly
8EAE8E

Monochromacy



Original Color
84B545

Achromatopsia
9A9A9A

Achromatomaly
92A47B

CSS Examples

Text

The CSS property to change the color of the text to Hex 84B545 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 #84B545 looks like.

```
.text, #text, p{  
    color:#84B545  
}
```

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 #84B545 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84B545
}
```

Border

The CSS property to change the border of an element to Hex 84B545 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
#84B545 }
```

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

```
.border{ border-color:#84B545 }
```

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

Here you see how a box with a 4 pixel #84B545 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84B545; -webkit-box-shadow:4px 4px  
4px 4px #84B545; box-shadow:4px 4px 4px  
4px #84B545 }
```

Background

The CSS property to change the background color of an element to Hex 84B545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84B545 }
```

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

```
.background{ background-color:#84B545 }
```

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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