

Converting Colors

Hex(84C635)

Have a look what the booklet for
Hex(84C635) contains.

Hex(84C635)	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(84C635)

Conversions

Conversions Part 1

Format	Color
Hex	84C635
RGB	132, 198, 53
RGB Percent	52%, 78%, 21%
CMY	0.4824, 0.2235, 0.7922
CMYK	0.33, 0.00, 0.73, 0.22
HSL	87°, 58%, 49%
HSV	87°, 73%, 78%
XYZ	30.3524, 45.5507, 10.5606
YIQ	161.7360, 7.2090, -59.0870

Conversions

Conversions Part 2

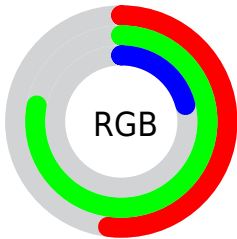
Format	Color
RYB	53, 198, 119
Decimal	8701493
CIELab	73.25, -42.95, 61.99
CIELCh	73, 75.419, 124.715
Yxy	45.5507, 0.3510, 0.5268
Android (android.graphics.Color)	4286891573 (0xFF84C635)
YUV	161.7360, -53.6068, -26.0785
Hunter-Lab	67.4913, -37.8341, 37.9666

Details

The Hex color **84C635** is a dark color, and the websafe version is hex **99CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **7735C6**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **BDFF6D**, and **4B9000** is the 20% darker color. If you saturate the color by 10%, you get **7BC621**, and if you desaturate by 10%, it is **8DC649**.

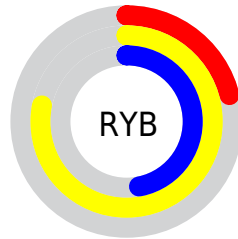
Distribution



Red (52%)

Green (78%)

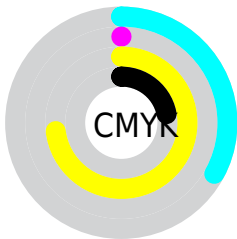
Blue (21%)



Red (21%)

Yellow (78%)

Blue (47%)

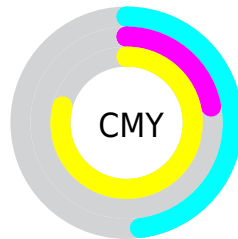


Cyan (33%)

Magenta (0%)

Yellow (73%)

Black (22%)



Cyan (48%)

Magenta (22%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84C635 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 84C635 by changing the saturation by 10% instead.



84C635



84C635

FFFFFF



68AA12



BDF6D



4B9000



DAFF89



2E7600



F8FFA5



075C00



FFFFC1



004400



FFFFDE



002D00



FFFFFB



001400



000000



84C635



84C635

 7BC621

 8DC649

 72C60D

 96C65D

 6CC600

 9FC670

 A8C684

 B1C698

 BAC6AC

 C3C6C0

 CCC6D3

 D5C6E7

Harmonies

Analogous

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



CCB401



84C635



00D076

Triad

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



84C635



00CAFF



FF6EAC

Complementary

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



84C635



7735C6

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.



FF7DF0



84C635



00B8FF

Square

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



84C635



00D3FF



C39DFF



FF7D69

Rectangle

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



84C635



00D3A5



C39DFF



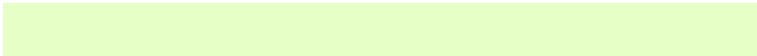
FF70C3

Sweetspot

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



84C635



E5FFC7



C67635



70805E



000000



808080

Same Dimension

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



84C635



99FF1F



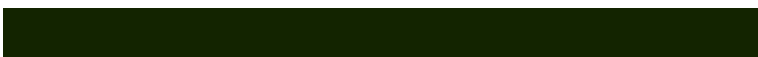
3CC635



5F635A



59A300



132400

Inverse Universe

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



7735C6



851FFF



BF35C6



5E5A63



4A00A3



100024

Previews

White Background



This preview shows how the Hex color 84C635 looks on a white background.

Color Contrast Check

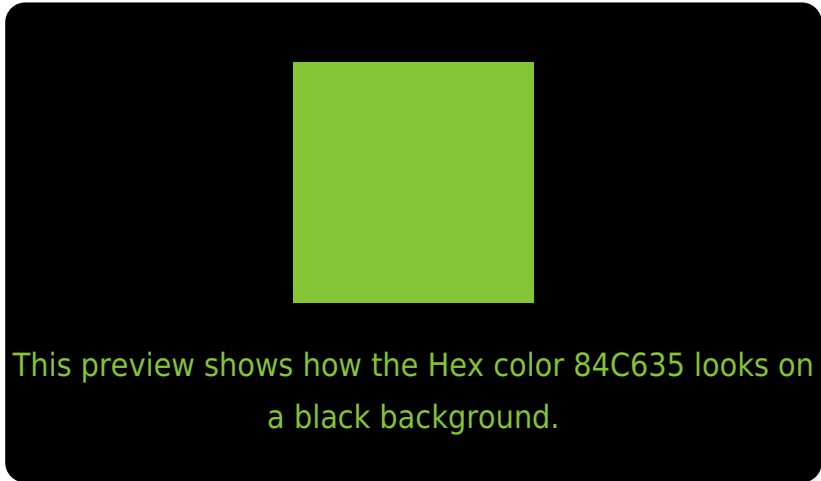
Large Text (above 18pt) WCAG AA × Fail

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 84C635 Background



This preview shows how black text looks on a background with the Hex color 84C635.

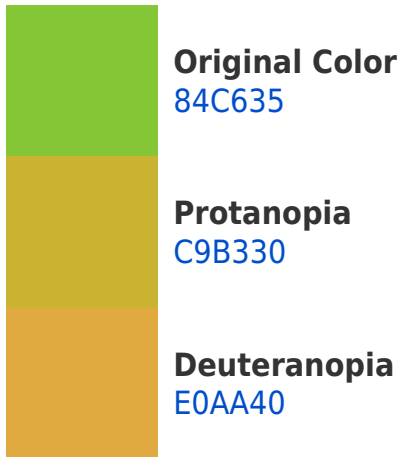


This preview shows how white text looks on a background with the Hex color 84C635.

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](#).

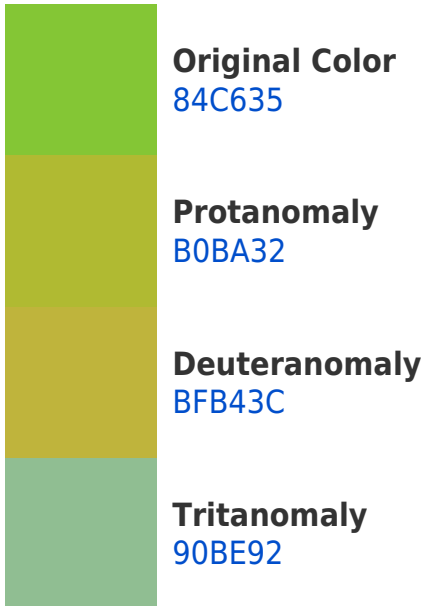
Dichromacy



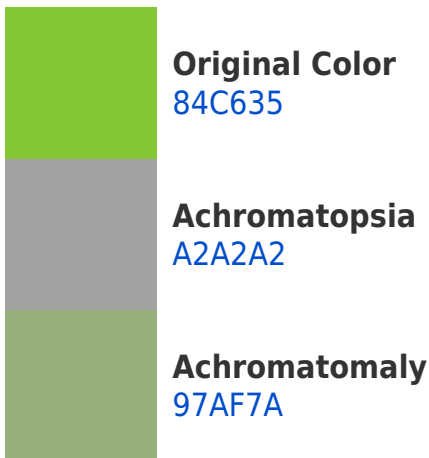


Tritanopia
97B9C7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 84C635 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 #84C635 looks like.

```
.text, #text, p{  
    color:#84C635  
}
```

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 #84C635 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84C635
}
```

Border

The CSS property to change the border of an element to Hex 84C635 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
#84C635 }
```

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

```
.border{ border-color:#84C635 }
```

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

Here you see how a box with a 4 pixel #84C635 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84C635; -webkit-box-shadow:4px 4px  
4px 4px #84C635; box-shadow:4px 4px 4px  
4px #84C635 }
```

Background

The CSS property to change the background color of an element to Hex 84C635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84C635 }
```

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

```
.background{ background-color:#84C635 }
```

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