

Converting Colors

Hex(84C65B)

Have a look what the booklet for
Hex(84C65B) contains.

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Color

Hex(84C65B)

Conversions

Conversions Part 1

Format	Color
Hex	84C65B
RGB	132, 198, 91
RGB Percent	52%, 78%, 36%
CMY	0.4824, 0.2235, 0.6431
CMYK	0.33, 0.00, 0.54, 0.22
HSL	97°, 48%, 57%
HSV	97°, 54%, 78%
XYZ	31.5981, 46.0490, 17.1205
YIQ	166.0680, -4.9890, -47.2690

Conversions

Conversions Part 2

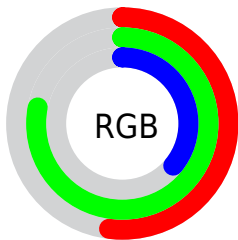
Format	Color
RYB	91, 198, 157
Decimal	8701531
CIELab	73.58, -39.74, 46.50
CIElCh	74, 61.162, 130.518
Yxy	46.0490, 0.3334, 0.4859
Android (android.graphics.Color)	4286891611 (0xFF84C65B)
YUV	166.0680, -37.0085, -29.8776
Hunter-Lab	67.8594, -35.6371, 32.5431

Details

The Hex color **84C65B** is a dark color, and the websafe version is hex **99CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **9D5BC6**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **BCFF90**, and **4E9027** is the 20% darker color. If you saturate the color by 10%, you get **78C647**, and if you desaturate by 10%, it is **90C66F**.

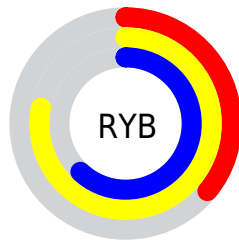
Distribution



Red (52%)

Green (78%)

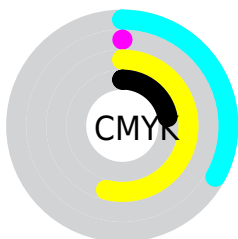
Blue (36%)



Red (36%)

Yellow (78%)

Blue (62%)

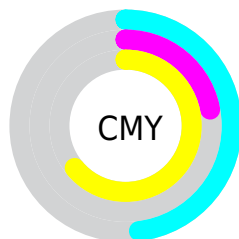


Cyan (33%)

Magenta (0%)

Yellow (54%)

Black (22%)



Cyan (48%)

Magenta (22%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84C65B 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 84C65B by changing the saturation by 10% instead.

 84C65B

 84C65B

FFFFFF

 69AA41


 BCFF90

 4E9027

 D9FFAB

 327607

 F6FFC7

 115C00

 FFFFE4

 004400

 002D00

 001500

 000000

 84C65B

 84C65B

 78C647

 90C66F

 6CC633

 9CC683

 5FC620

 A9C696

 53C60C

 B5C6AA

 4CC600

 C1C6BE

 CDC6D2

 D9C6E6

 E6C6F9

 F2C6FF

Harmonies

Analogous

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



C1B83F



84C65B



06CE8D

Triad

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



84C65B



00C5FF



FF83A3

Complementary

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



84C65B



9D5BC6

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.



FF89DB



84C65B



71B4FF

Square

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



84C65B



00CEFC



D29EFF



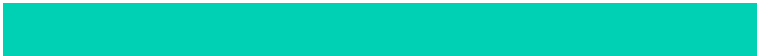
FF8F6F

Rectangle

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



84C65B



00D0B4



D29EFF



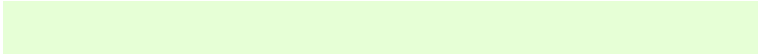
FF83B6

Sweetspot

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



84C65B



E6FFD6



C69D5B



718067



000000



808080

Same Dimension

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



84C65B



99FF59



5BC667



5D635A



3FA300



0E2400

Inverse Universe

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



9D5BC6



BF59FF



C65BBA



605A63



6500A3



160024

Previews

White Background



This preview shows how the Hex color 84C65B looks on a white background.

Color Contrast Check

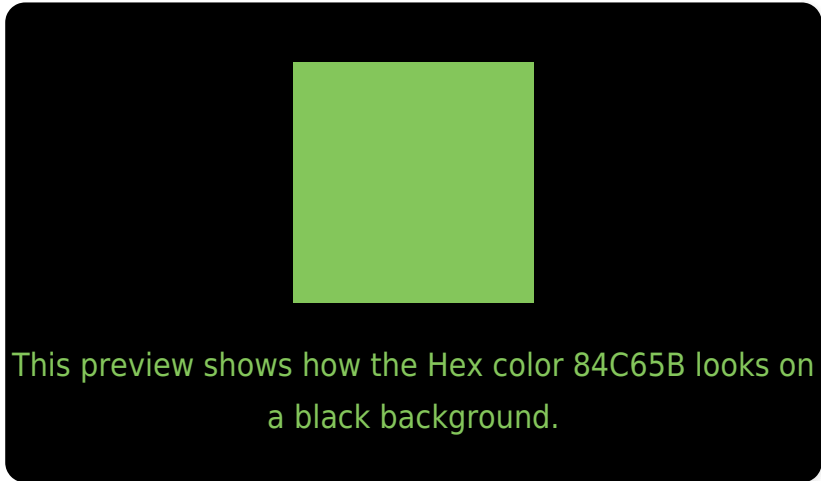
Large Text (above 18pt) WCAG AA × Fail

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

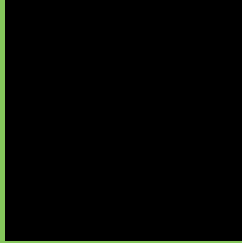
Any Text WCAG AA ✓ Pass

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 84C65B Background



This preview shows how black text looks on a background with the Hex color 84C65B.

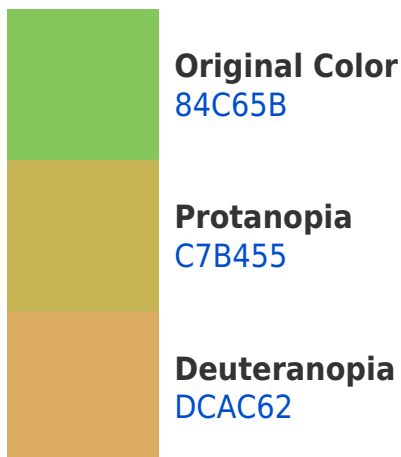


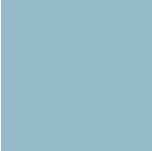
This preview shows how white text looks on a background with the Hex color 84C65B.

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](#).

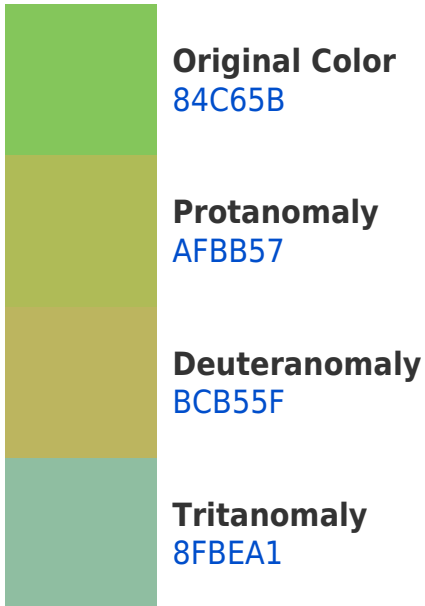
Dichromacy



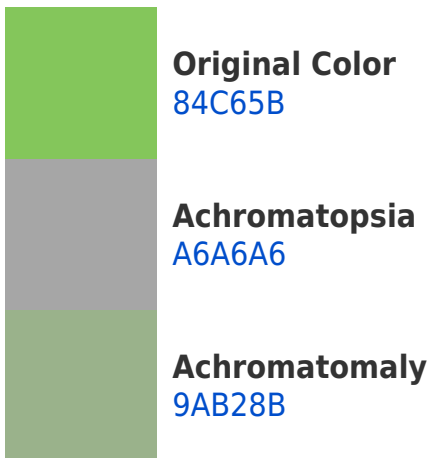


Tritanopia
95BAC9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 84C65B 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 #84C65B looks like.

```
.text, #text, p{  
    color:#84C65B  
}
```

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 #84C65B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84C65B
}
```

Border

The CSS property to change the border of an element to Hex 84C65B 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
#84C65B }
```

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

```
.border{ border-color:#84C65B }
```

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

Here you see how a box with a 4 pixel #84C65B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84C65B; -webkit-box-shadow:4px 4px  
4px 4px #84C65B; box-shadow:4px 4px 4px  
4px #84C65B }
```

Background

The CSS property to change the background color of an element to Hex 84C65B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84C65B }
```

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

```
.background{ background-color:#84C65B }
```

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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