

Converting Colors

Hex(84C658)

Have a look what the booklet for
Hex(84C658) contains.

Hex(84C658)	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(84C658)

Conversions

Conversions Part 1

Format	Color
Hex	84C658
RGB	132, 198, 88
RGB Percent	52%, 78%, 35%
CMY	0.4824, 0.2235, 0.6549
CMYK	0.33, 0.00, 0.56, 0.22
HSL	96°, 49%, 56%
HSV	96°, 56%, 78%
XYZ	31.4713, 45.9983, 16.4524
YIQ	165.7260, -4.0260, -48.2020

Conversions

Conversions Part 2

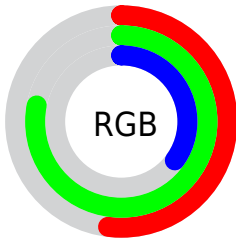
Format	Color
RYB	88, 198, 154
Decimal	8701528
CIELab	73.54, -40.06, 47.86
CIELCh	74, 62.413, 129.928
Yxy	45.9983, 0.3351, 0.4898
Android (android.graphics.Color)	4286891608 (0xFF84C658)
YUV	165.7260, -38.3189, -29.5777
Hunter-Lab	67.8220, -35.8597, 33.0928

Details

The Hex color **84C658** 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 **9A58C6**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **BCFF8D**, and **4D9024** is the 20% darker color. If you saturate the color by 10%, you get **78C644**, and if you desaturate by 10%, it is **90C66C**.

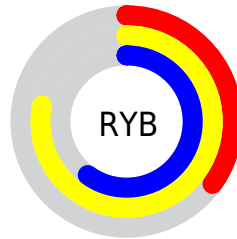
Distribution



Red (52%)

Green (78%)

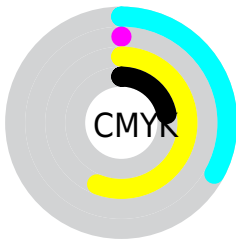
Blue (35%)



Red (35%)

Yellow (78%)

Blue (60%)

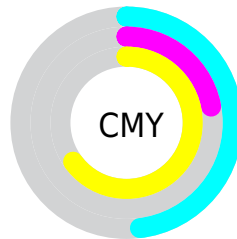


Cyan (33%)

Magenta (0%)

Yellow (56%)

Black (22%)



Cyan (48%)

Magenta (22%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84C658 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 84C658 by changing the saturation by 10% instead.

 84C658

 84C658

FFFFFF

 69AA3E


 BCFF8D

 4D9024

 D9FFA8

 327601

 F6FFC4

 115C00

 FFFFE1

 004400

FFFFFFE

 002D00

 001500

 000000

 84C658

 84C658

 78C644

 90C66C

 6CC630

 9CC680

 60C61D

 A8C693

 54C609

 B4C6A7

 4FC600

 BFC6BB

 CBC6CF

 D7C6E3

 E3C6F6

 EFC6FF

Harmonies

Analogous

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



C2B83B



84C658



00CE8B

Triad

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



84C658



00C5FF



FF81A4

Complementary

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



84C658



9A58C6

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.



FF88DD



84C658



6CB5FF

Square

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



84C658



00CEFD



D19EFF



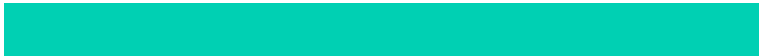
FF8E6E

Rectangle

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



84C658



00D0B3



D19EFF



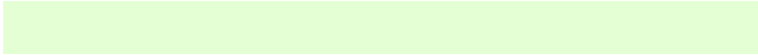
FF81B7

Sweetspot

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



84C658



E5FFD4



C69A58



708066



000000



808080

Same Dimension

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



84C658



98FF54



58C661



5D635A



41A300



0E2400

Inverse Universe

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



9A58C6



BB54FF



C658BB



5F5A63



6200A3



150024

Previews

White Background



This preview shows how the Hex color 84C658 looks on a white background.

Color Contrast Check

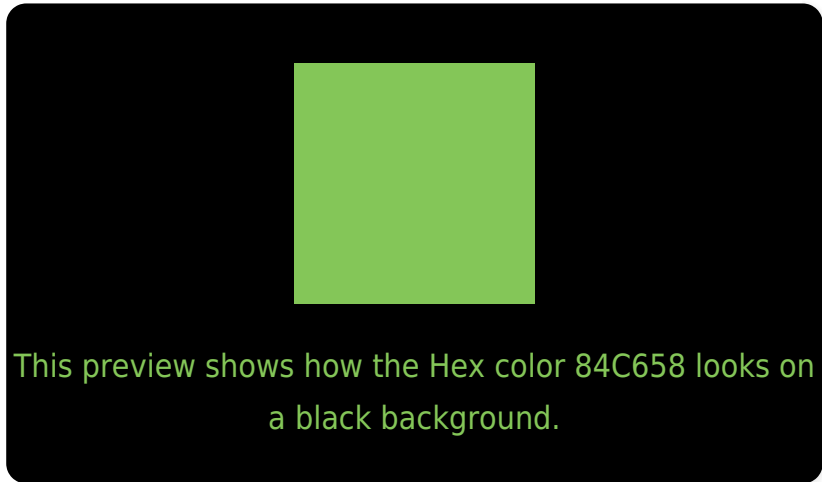
Large Text (above 18pt) WCAG AA × Fail

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 84C658 Background



This preview shows how black text looks on a background with the Hex color 84C658.

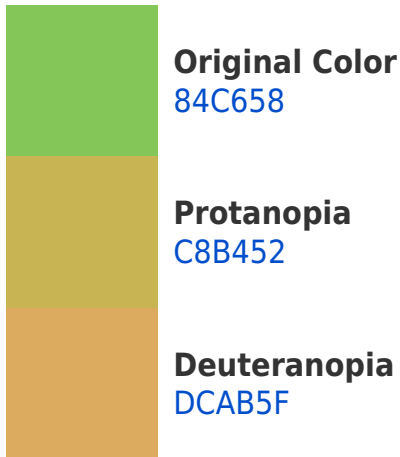


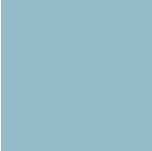
This preview shows how white text looks on a background with the Hex color 84C658.

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](#).

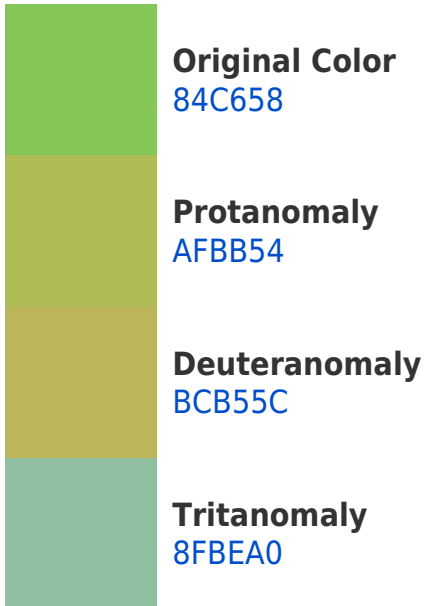
Dichromacy



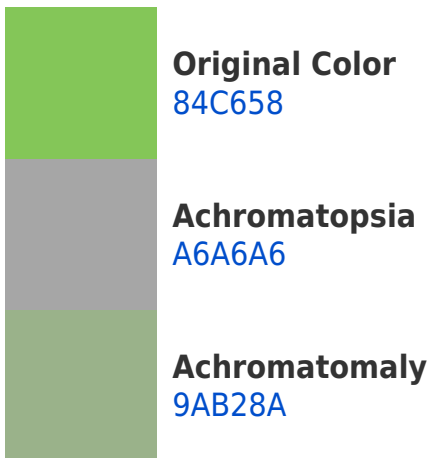


Tritanopia
95BAC9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 84C658 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 #84C658 looks like.

```
.text, #text, p{  
    color:#84C658  
}
```

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 #84C658 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84C658
}
```

Border

The CSS property to change the border of an element to Hex 84C658 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
#84C658 }
```

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

```
.border{ border-color:#84C658 }
```

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

Here you see how a box with a 4 pixel #84C658 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84C658; -webkit-box-shadow:4px 4px  
4px 4px #84C658; box-shadow:4px 4px 4px  
4px #84C658 }
```

Background

The CSS property to change the background color of an element to Hex 84C658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84C658 }
```

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

```
.background{ background-color:#84C658 }
```

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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