

Converting Colors

Hex(84C872)

Have a look what the booklet for
Hex(84C872) contains.

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Color

Hex(84C872)

Conversions

Conversions Part 1

Format	Color
Hex	84C872
RGB	132, 200, 114
RGB Percent	52%, 78%, 45%
CMY	0.4824, 0.2157, 0.5529
CMYK	0.34, 0.00, 0.43, 0.22
HSL	107°, 44%, 62%
HSV	107°, 43%, 78%
XYZ	33.2073, 47.4290, 23.3241
YIQ	169.8640, -12.9220, -41.1620

Conversions

Conversions Part 2

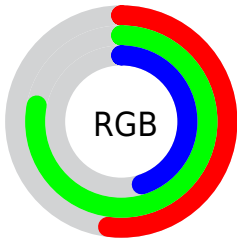
Format	Color
RYB	114, 200, 182
Decimal	8702066
CIELab	74.46, -37.77, 36.30
CIElCh	74, 52.390, 136.136
Yxy	47.4290, 0.3194, 0.4562
Android (android.graphics.Color)	4286892146 (0xFF84C872)
YUV	169.8640, -27.5410, -33.2067
Hunter-Lab	68.8687, -34.4507, 28.1281

Details

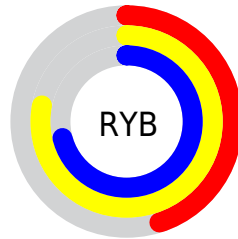
The Hex color **84C872** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **B672C8**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **BBFFA7**, and **4E9240** is the 20% darker color. If you saturate the color by 10%, you get **74C85E**, and if you desaturate by 10%, it is **94C886**.

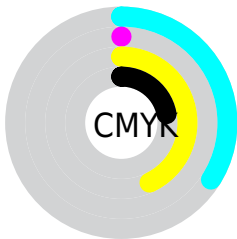
Distribution



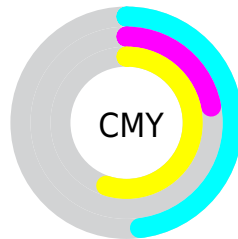
- Red (52%)
- Green (78%)
- Blue (45%)



- Red (45%)
- Yellow (78%)
- Blue (71%)



- Cyan (34%)
- Magenta (0%)
- Yellow (43%)
- Black (22%)



- Cyan (48%)
- Magenta (22%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84C872 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 84C872 by changing the saturation by 10% instead.



84C872



84C872

FFFFFF



69AC59



BBFFA7



4E9240



D8FFC3



337728



F5FFDF



155E0E



FFFFFFC



004600



002F00



001800



000000



84C872



84C872

 74C85E

 94C886

 64C84A

 A4C89A

 55C836

 B3C8AE

 45C822

 C3C8C2

 35C80E

 D3C8D6

 2AC800

 E3C8EA

 F3C8FE

 FFC8FF

Harmonies

Analogous

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



BBBD57



84C872



31CE9E

Triad

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



84C872



00C3FF



FF909F

Complementary

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



84C872



B672C8

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.



FF92D0



84C872



96B3FF

Square

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



84C872



00CCFB



DCA0FA



FF9B74

Rectangle

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



84C872



00D0C0



DCA0FA



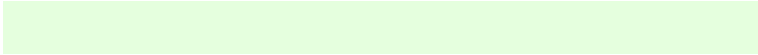
FF8FAF

Sweetspot

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



84C872



E5FFDE



C8B572



6F806B



000000



808080

Same Dimension

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



84C872



96FF7A



72C88A



5C635A



22A300



072400

Inverse Universe

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



B672C8



E37AFF



C872B0



615A63



8100A3



1C0024

Previews

White Background



This preview shows how the Hex color 84C872 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



This preview shows how the Hex color 84C872 looks on a 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 84C872 Background



This preview shows how black text looks on a background with the Hex color 84C872.

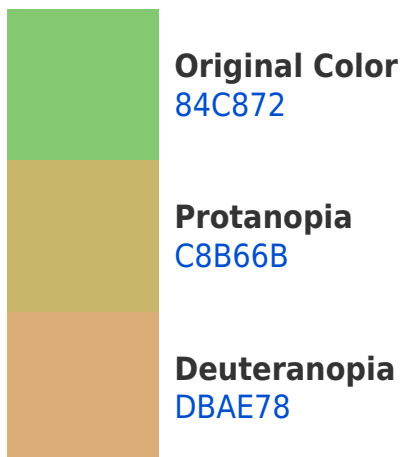


This preview shows how white text looks on a background with the Hex color 84C872.

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](#).

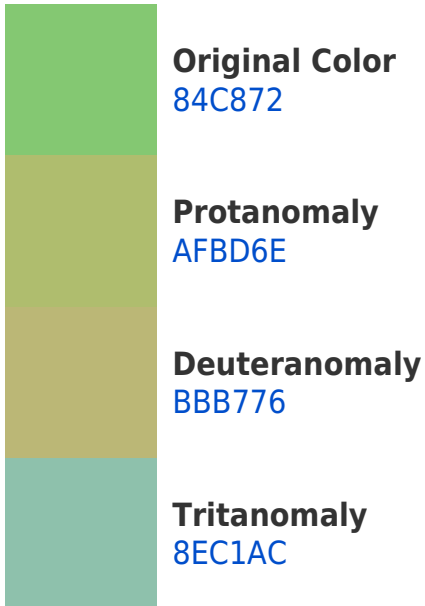
Dichromacy



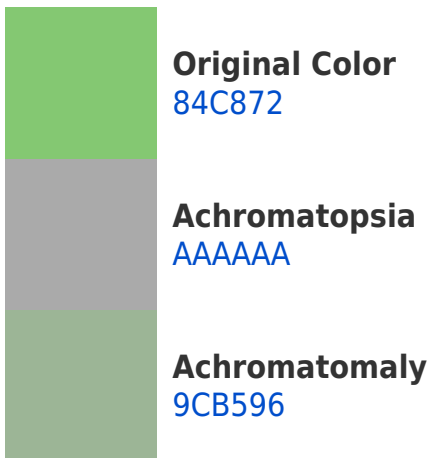


Tritanopia
94BDCD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 84C872 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 #84C872 looks like.

```
.text, #text, p{  
    color:#84C872  
}
```

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 #84C872 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84C872
}
```

Border

The CSS property to change the border of an element to Hex 84C872 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
#84C872 }
```

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

```
.border{ border-color:#84C872 }
```

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

Here you see how a box with a 4 pixel #84C872 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84C872; -webkit-box-shadow:4px 4px  
4px 4px #84C872; box-shadow:4px 4px 4px  
4px #84C872 }
```

Background

The CSS property to change the background color of an element to Hex 84C872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84C872 }
```

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

```
.background{ background-color:#84C872 }
```

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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