

Converting Colors

Hex(84B378)

Have a look what the booklet for
Hex(84B378) contains.

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Color

Hex(84B378)

Conversions

Conversions Part 1

Format	Color
Hex	84B378
RGB	132, 179, 120
RGB Percent	52%, 70%, 47%
CMY	0.4824, 0.2980, 0.5294
CMYK	0.26, 0.00, 0.33, 0.30
HSL	108°, 28%, 59%
HSV	108°, 33%, 70%
XYZ	29.0260, 38.5018, 23.6711
YIQ	158.2210, -9.0730, -28.3130

Conversions

Conversions Part 2

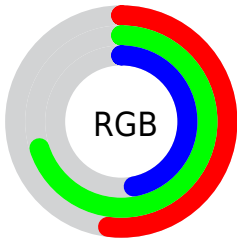
Format	Color
RYB	120, 179, 167
Decimal	8696696
CIELab	68.39, -27.04, 25.24
CIELCh	68, 36.987, 136.970
Yxy	38.5018, 0.3183, 0.4222
Android (android.graphics.Color)	4286886776 (0xFF84B378)
YUV	158.2210, -18.8430, -22.9958
Hunter-Lab	62.0498, -25.0875, 20.8166

Details

The Hex color **84B378** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **A778B3**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **BAEBAD**, and **517E47** is the 20% darker color. If you saturate the color by 10%, you get **76B366**, and if you desaturate by 10%, it is **92B38A**.

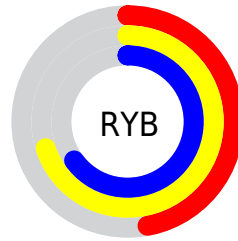
Distribution



Red (52%)

Green (70%)

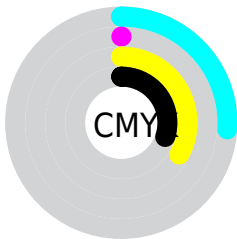
Blue (47%)



Red (47%)

Yellow (70%)

Blue (65%)

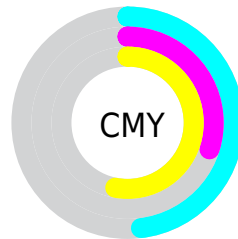


Cyan (26%)

Magenta (0%)

Yellow (33%)

Black (30%)



Cyan (48%)

Magenta (30%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84B378 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 84B378 by changing the saturation by 10% instead.

 84B378

 84B378

FFFFFF

 6A985F

 BAEBAD

 517E47


 D6FFC8

 386530

 F3FFE4

 1F4C19

 053501

 002100

 000000

 84B378

 84B378

 76B366

 92B38A

67B354

A1B39C

59B342

AFB3AE

4BB330

BDB3C0

3DB31E

CBB3D1

2EB30D

DAB3E3

24B300

E8B3F5

F6B3FF

FFB3FF

Harmonies

Analogous

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



AAAB66



84B378



59B897

Triad

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



84B378



5DAEE7



E88D95

Complementary

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



84B378



A778B3

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.



DF8EB7



84B378



95A3E6

Square

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



84B378



21B6D7



C297D5



E09477

Rectangle

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



84B378



39B9AE



C297D5



E78DA0

Sweetspot

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



84B378



D6E8D1



B3A678



6A7567



F5F5F5



757575

Same Dimension

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



84B378



9EE88B



78B389



525950



1F9900



051A00

Inverse Universe

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



A778B3



D58BE8



B378A2



575059



7A0099



14001A

Previews

White Background



This preview shows how the Hex color 84B378 looks on a white background.

Color Contrast Check

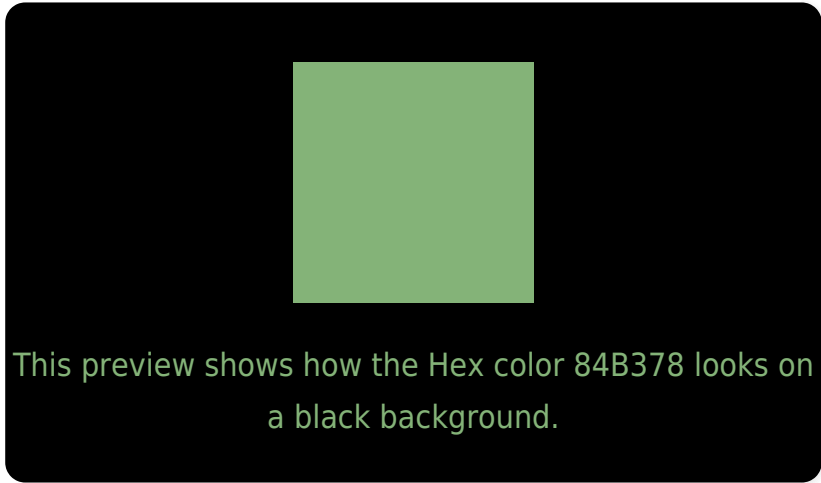
Large Text (above 18pt) WCAG AA × Fail

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 84B378 Background



This preview shows how black text looks on a background with the Hex color 84B378.

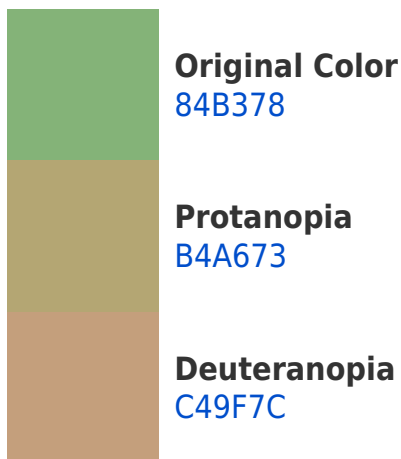


This preview shows how white text looks on a background with the Hex color 84B378.

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](#).

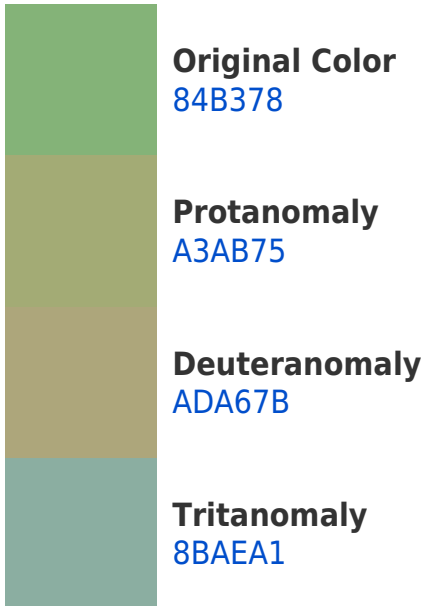
Dichromacy





Tritanopia
8FABB9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 84B378 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 #84B378 looks like.

```
.text, #text, p{  
    color:#84B378  
}
```

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 #84B378 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84B378
}
```

Border

The CSS property to change the border of an element to Hex 84B378 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
#84B378 }
```

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

```
.border{ border-color:#84B378 }
```

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

Here you see how a box with a 4 pixel #84B378 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84B378; -webkit-box-shadow:4px 4px  
4px 4px #84B378; box-shadow:4px 4px 4px  
4px #84B378 }
```

Background

The CSS property to change the background color of an element to Hex 84B378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84B378 }
```

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

```
.background{ background-color:#84B378 }
```

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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