

Converting Colors

Hex(84BA78)

Have a look what the booklet for
Hex(84BA78) contains.

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Color

Hex(84BA78)

Conversions

Conversions Part 1

Format	Color
Hex	84BA78
RGB	132, 186, 120
RGB Percent	52%, 73%, 47%
CMY	0.4824, 0.2706, 0.5294
CMYK	0.29, 0.00, 0.35, 0.27
HSL	109°, 32%, 60%
HSV	109°, 35%, 73%
XYZ	30.4648, 41.3794, 24.1507
YIQ	162.3300, -10.9980, -31.9740

Conversions

Conversions Part 2

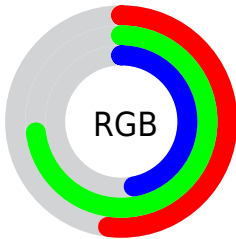
Format	Color
RYB	120, 186, 174
Decimal	8698488
CIELab	70.44, -30.41, 27.97
CIELCh	70, 41.316, 137.391
Yxy	41.3794, 0.3174, 0.4311
Android (android.graphics.Color)	4286888568 (0xFF84BA78)
YUV	162.3300, -20.8687, -26.5994
Hunter-Lab	64.3268, -28.0355, 22.7691

Details

The Hex color **84BA78** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **AE78BA**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **BBF2AD**, and **508447** is the 20% darker color. If you saturate the color by 10%, you get **75BA65**, and if you desaturate by 10%, it is **93BA8B**.

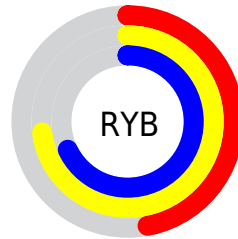
Distribution



Red (52%)

Green (73%)

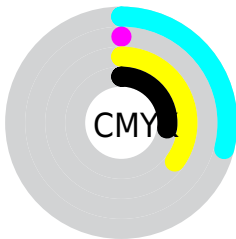
Blue (47%)



Red (47%)

Yellow (73%)

Blue (68%)

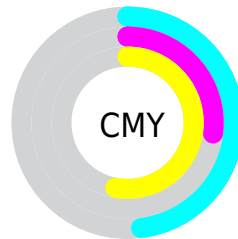


Cyan (29%)

Magenta (0%)

Yellow (35%)

Black (27%)



Cyan (48%)

Magenta (27%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84BA78 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 84BA78 by changing the saturation by 10% instead.



84BA78



84BA78

FFFFFF



6A9F5F



BBF2AD



508447



D7FFC8



376B2F



F4FFE5



1D5218



003B00



002500



000300



000000



84BA78



84BA78

 75BA65

 93BA8B

 66BA53

 A2BA9D

 56BA40

 B2BAB0

 47BA2E

 C1BAC2

 38BA1B

 D0BAD5

 29BA08

 DFBAE8

 22BA00

 EFBAFA

 FEBAFF

 FFBAFF

Harmonies

Analogous

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



AFB163



84BA78



51BF9B

Triad

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



84BA78



53B5F5



F58F98

Complementary

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



84BA78



AE78BA

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.



EB90BE



84BA78



98A8F4

Square

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



84BA78



00BDE2



CB9ADF



EB9877

Rectangle

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



84BA78



1EC0B5



CB9ADF



F48EA4

Sweetspot

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



84BA78



DCF2D8



BAAE78



6D7A6A



FAFAFA



7A7A7A

Same Dimension

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



84BA78



9DF28A



78BA8D



545C53



1C9C00



051C00

Inverse Universe

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



AE78BA



DF8AF2



BA78A5



5A535C



7F009C



17001C

Previews

White Background



This preview shows how the Hex color 84BA78 looks on a white background.

Color Contrast Check

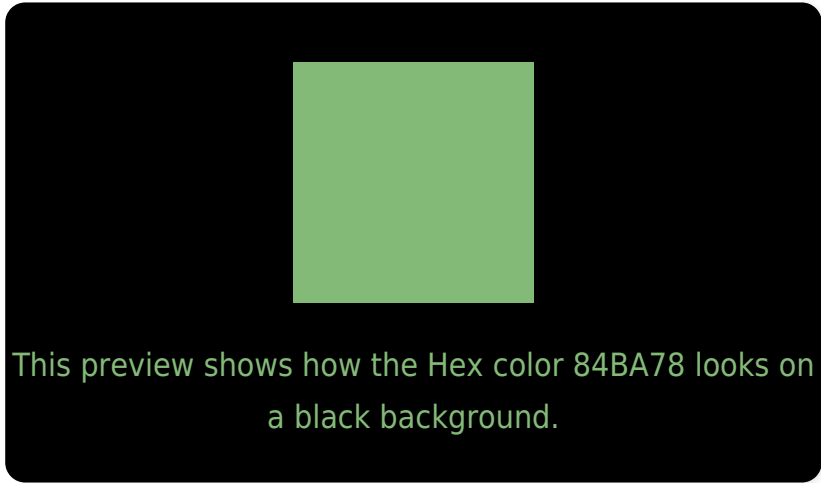
Large Text (above 18pt) WCAG AA × Fail

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

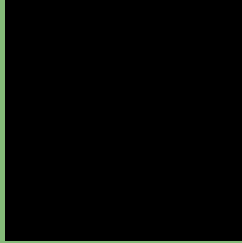
Any Text WCAG AA ✓ Pass

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 84BA78 Background



This preview shows how black text looks on a background with the Hex color 84BA78.

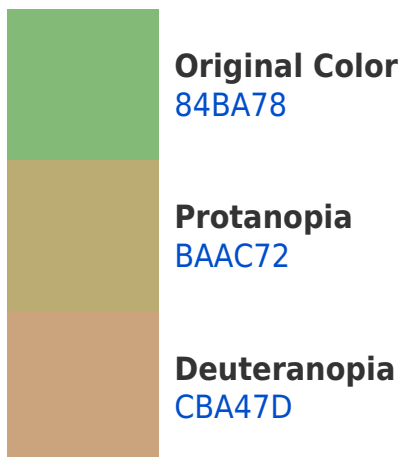


This preview shows how white text looks on a background with the Hex color 84BA78.

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](#).

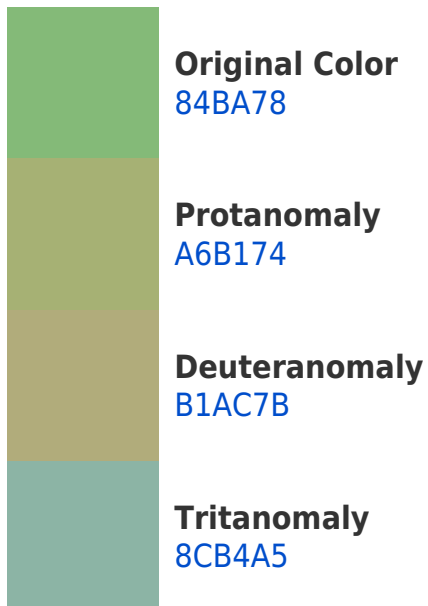
Dichromacy



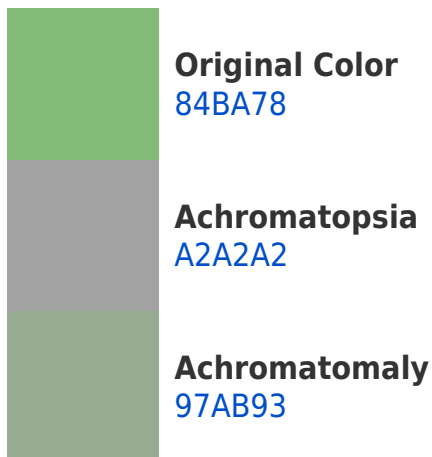


Tritanopia
90B1BF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 84BA78 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 #84BA78 looks like.

```
.text, #text, p{  
    color:#84BA78  
}
```

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 #84BA78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84BA78
}
```

Border

The CSS property to change the border of an element to Hex 84BA78 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
#84BA78 }
```

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

```
.border{ border-color:#84BA78 }
```

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

Here you see how a box with a 4 pixel #84BA78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84BA78; -webkit-box-shadow:4px 4px  
4px 4px #84BA78; box-shadow:4px 4px 4px  
4px #84BA78 }
```

Background

The CSS property to change the background color of an element to Hex 84BA78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84BA78 }
```

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

```
.background{ background-color:#84BA78 }
```

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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