

Converting Colors

Hex(87BB74)

Have a look what the booklet for
Hex(87BB74) contains.

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Color

Hex(87BB74)

Conversions

Conversions Part 1

Format	Color
Hex	87BB74
RGB	135, 187, 116
RGB Percent	53%, 73%, 45%
CMY	0.4706, 0.2667, 0.5451
CMYK	0.28, 0.00, 0.38, 0.27
HSL	104°, 34%, 59%
HSV	104°, 38%, 73%
XYZ	30.9144, 41.9525, 22.9913
YIQ	163.3580, -8.2010, -33.1050

Conversions

Conversions Part 2

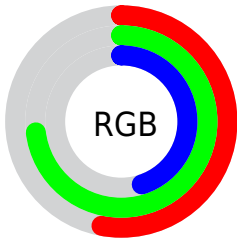
Format	Color
RYB	116, 187, 168
Decimal	8895348
CIELab	70.84, -30.45, 30.62
CIELCh	71, 43.184, 134.832
Yxy	41.9525, 0.3225, 0.4377
Android (android.graphics.Color)	4287085428 (0xFF87BB74)
YUV	163.3580, -23.3475, -24.8700
Hunter-Lab	64.7707, -28.1527, 24.2937

Details

The Hex color **87BB74** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **A874BB**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **BEF3A9**, and **538543** is the 20% darker color. If you saturate the color by 10%, you get **79BB61**, and if you desaturate by 10%, it is **95BB87**.

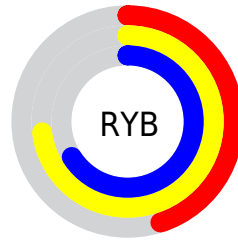
Distribution



Red (53%)

Green (73%)

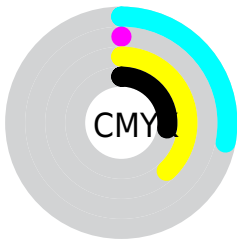
Blue (45%)



Red (45%)

Yellow (73%)

Blue (66%)

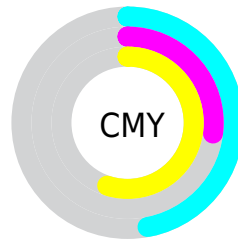


Cyan (28%)

Magenta (0%)

Yellow (38%)

Black (27%)



Cyan (47%)

Magenta (27%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87BB74 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 87BB74 by changing the saturation by 10% instead.



87BB74



87BB74

FFFFFF



6DA05B



BEF3A9



538543



DAFFC4



3A6C2B



F7FFE0



205314

FFFFFFD



033C00



002600



000600



000000



87BB74



87BB74

 79BB61

 95BB87

 6CBB4F

 A2BB99

 5EBB3C

 B0BBAC

 50BB29

 BEBBBF

 43BB17

 CBBBD2

 35BB04

 D9BBE4

 32BB00

 E7BBF7

 F5BBFF

 FFBBFF

Harmonies

Analogous

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



B3B160



87BB74



51C197

Triad

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



87BB74



44B7F9



F98E9B

Complementary

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



87BB74



A874BB

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.



ED90C3



87BB74



92ABF9

Square

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



87BB74



00BFE4



CA9CE5



F19778

Rectangle

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



87BB74



12C2B3



CA9CE5



F88EA8

Sweetspot

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



87BB74



DFF2D8



BBA774



6F7A6A



FAFAFA



7A7A7A

Same Dimension

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



87BB74



A1F283



74BB83



575E55



2A9E00



081F00

Inverse Universe

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



A874BB



D483F2



BB74AC



5C555E



74009E



16001F

Previews

White Background



This preview shows how the Hex color 87BB74 looks on a white background.

Color Contrast Check

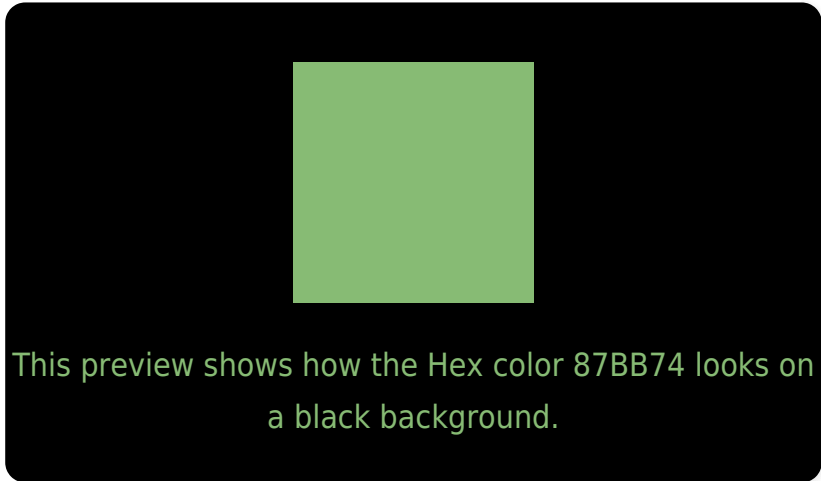
Large Text (above 18pt) WCAG AA × Fail

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 87BB74 Background



This preview shows how black text looks on a background with the Hex color 87BB74.

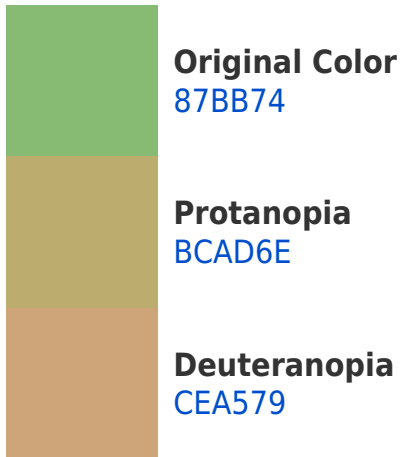


This preview shows how white text looks on a background with the Hex color 87BB74.

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](#).

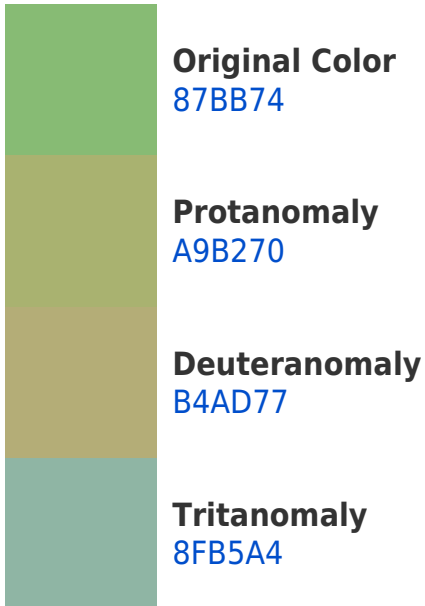
Dichromacy



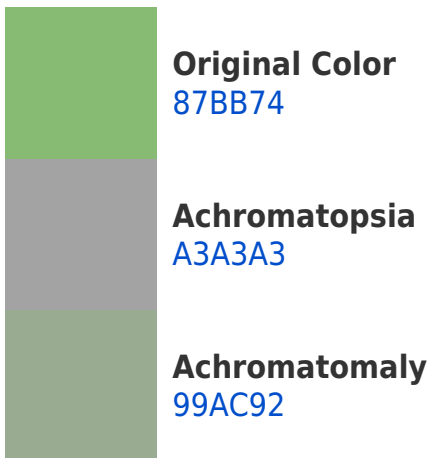


Tritanopia
94B2C0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 87BB74 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 #87BB74 looks like.

```
.text, #text, p{  
    color:#87BB74  
}
```

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 #87BB74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87BB74
}
```

Border

The CSS property to change the border of an element to Hex 87BB74 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
#87BB74 }
```

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

```
.border{ border-color:#87BB74 }
```

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

Here you see how a box with a 4 pixel #87BB74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87BB74; -webkit-box-shadow:4px 4px  
4px 4px #87BB74; box-shadow:4px 4px 4px  
4px #87BB74 }
```

Background

The CSS property to change the background color of an element to Hex 87BB74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87BB74 }
```

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

```
.background{ background-color:#87BB74 }
```

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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