

Converting Colors

Hex(87B174)

Have a look what the booklet for
Hex(87B174) contains.

Hex(87B174)	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(87B174)

Conversions

Conversions Part 1

Format	Color
Hex	87B174
RGB	135, 177, 116
RGB Percent	53%, 69%, 45%
CMY	0.4706, 0.3059, 0.5451
CMYK	0.24, 0.00, 0.34, 0.31
HSL	101°, 28%, 57%
HSV	101°, 34%, 69%
XYZ	28.8662, 37.8561, 22.3086
YIQ	157.4880, -5.4510, -27.8750

Conversions

Conversions Part 2

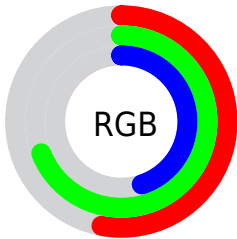
Format	Color
RYB	116, 177, 158
Decimal	8892788
CIELab	67.91, -25.61, 26.77
CIElCh	68, 37.052, 133.728
Yxy	37.8561, 0.3242, 0.4252
Android (android.graphics.Color)	4287082868 (0xFF87B174)
YUV	157.4880, -20.4536, -19.7220
Hunter-Lab	61.5273, -23.9277, 21.5718

Details

The Hex color **87B174** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9E74B1**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **BDE9A9**, and **547C43** is the 20% darker color. If you saturate the color by 10%, you get **7BB162**, and if you desaturate by 10%, it is **93B186**.

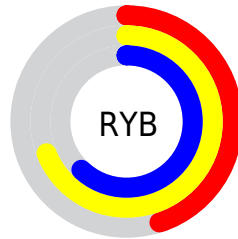
Distribution



Red (53%)

Green (69%)

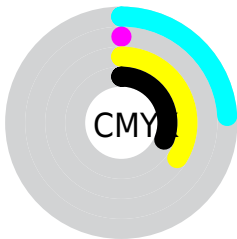
Blue (45%)



Red (45%)

Yellow (69%)

Blue (62%)

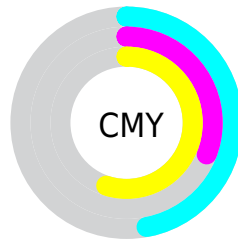


Cyan (24%)

Magenta (0%)

Yellow (34%)

Black (31%)



Cyan (47%)

Magenta (31%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87B174 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 87B174 by changing the saturation by 10% instead.



87B174



87B174

FFFFFF



6D965B



BDE9A9



547C43



D9FFC4



3B632C



F6FFE0



234B15

FFFFFFD



0B3400



002000



000000



87B174



87B174



7BB162



93B186

 6FB151

 9FB197

 62B13F

 ACB1A9

 56B12D

 B8B1BB

 4AB11B

 C4B1CC

 3EB10A

 D0B1DE

 37B100

 DCB1F0

 E8B1FF

 F5B1FF

Harmonies

Analogous

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



ACA863



87B174



5DB692

Triad

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



87B174



54AEE5



E78C97

Complementary

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



87B174



9E74B1

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.



DB8EB9



87B174



8EA4E6

Square

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



87B174



17B5D3



BD97D6



E09279

Rectangle

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



87B174



3CB7A9



BD97D6



E58BA3

Sweetspot

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



87B174



D6E6CF



B19E74



697365



F2F2F2



737373

Same Dimension

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



87B174



A5E687



74B17F



535950



309900



081A00

Inverse Universe

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



9E74B1



C887E6



B174A6



565059



690099



12001A

Previews

White Background



This preview shows how the Hex color 87B174 looks on a white background.

Color Contrast Check

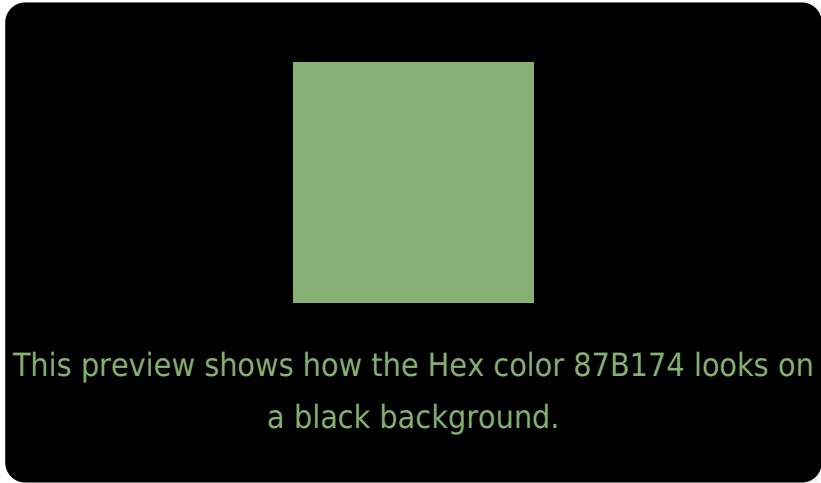
Large Text (above 18pt) WCAG AA × Fail

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 87B174 Background



This preview shows how black text looks on a background with the Hex color 87B174.

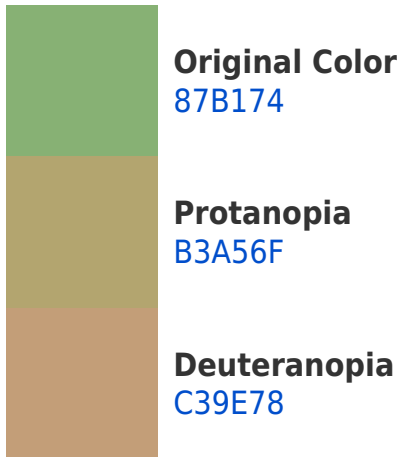


This preview shows how white text looks on a background with the Hex color 87B174.

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](#).

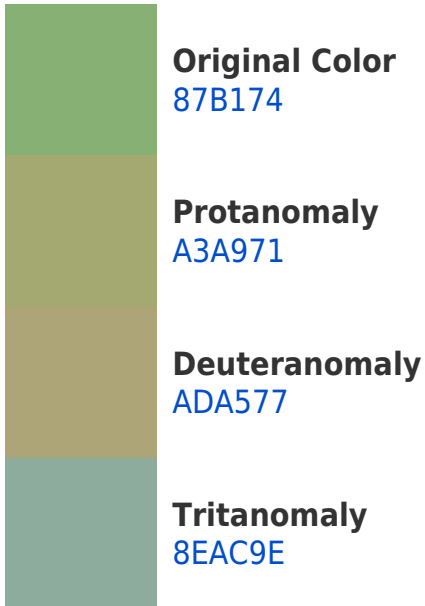
Dichromacy





Tritanopia
92A9B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 87B174 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 #87B174 looks like.

```
.text, #text, p{  
    color:#87B174  
}
```

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 #87B174 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87B174
}
```

Border

The CSS property to change the border of an element to Hex 87B174 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
#87B174 }
```

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

```
.border{ border-color:#87B174 }
```

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

Here you see how a box with a 4 pixel #87B174 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87B174; -webkit-box-shadow:4px 4px  
4px 4px #87B174; box-shadow:4px 4px 4px  
4px #87B174 }
```

Background

The CSS property to change the background color of an element to Hex 87B174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87B174 }
```

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

```
.background{ background-color:#87B174 }
```

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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