

Converting Colors

Hex(87B680)

Have a look what the booklet for
Hex(87B680) contains.

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Color

Hex(87B680)

Conversions

Conversions Part 1

Format	Color
Hex	87B680
RGB	135, 182, 128
RGB Percent	53%, 71%, 50%
CMY	0.4706, 0.2863, 0.4980
CMYK	0.26, 0.00, 0.30, 0.29
HSL	112°, 27%, 61%
HSV	112°, 30%, 71%
XYZ	30.6159, 40.1653, 26.5611
YIQ	161.7910, -10.6780, -26.7580

Conversions

Conversions Part 2

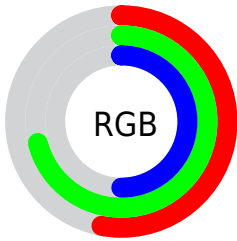
Format	Color
RYB	128, 182, 175
Decimal	8894080
CIELab	69.59, -26.16, 22.60
CIELCh	70, 34.572, 139.182
Yxy	40.1653, 0.3145, 0.4126
Android (android.graphics.Color)	4287084160 (0xFF87B680)
YUV	161.7910, -16.6590, -23.4957
Hunter-Lab	63.3761, -24.6779, 19.5146

Details

The Hex color **87B680** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **AF80B6**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **BDEEB5**, and **54814E** is the 20% darker color. If you saturate the color by 10%, you get **77B66E**, and if you desaturate by 10%, it is **97B692**.

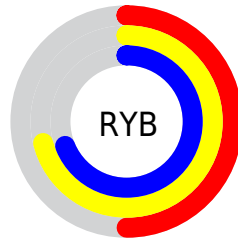
Distribution



Red (53%)

Green (71%)

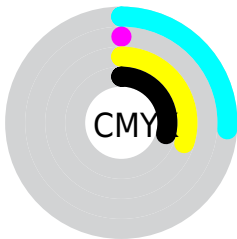
Blue (50%)



Red (50%)

Yellow (71%)

Blue (69%)

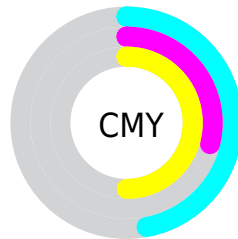


Cyan (26%)

Magenta (0%)

Yellow (30%)

Black (29%)



Cyan (47%)

Magenta (29%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87B680 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 87B680 by changing the saturation by 10% instead.

 87B680

FFFFFF

 BDEEB5

 D9FFD1

 F6FFED

 87B680

 6D9B67

 54814E

 3B6737

 234F21

 08380B

 002300

 000000

 87B680

 77B66E

 87B680

 97B692

 67B65C

 A7B6A4

 57B649

 B7B6B7

 48B637

 C6B6C9

 38B625

 D6B6DB

 28B613

 E6B6ED

 18B601

 F6B6FF

 18B600

 FFB6FF

Harmonies

Analogous

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



ABAE6E



87B680



60BA9D

Triad

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



87B680



6CB0E7



E89397

Complementary

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



87B680



AF80B6

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.



E093B7



87B680



9EA6E5

Square

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



87B680



3FB8D8



C69BD3



DF9A7C

Rectangle

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



87B680



47BBB3



C69BD3



E792A1

Sweetspot

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



87B680



DBEDD8



B6AF80



6C786B



F7F7F7



787878

Same Dimension

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



87B680



A3ED98



80B694



545C53



149C00



041C00

Inverse Universe

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



AF80B6



E298ED



B680A2



5B535C



87009C



18001C

Previews

White Background



This preview shows how the Hex color 87B680 looks on a white background.

Color Contrast Check

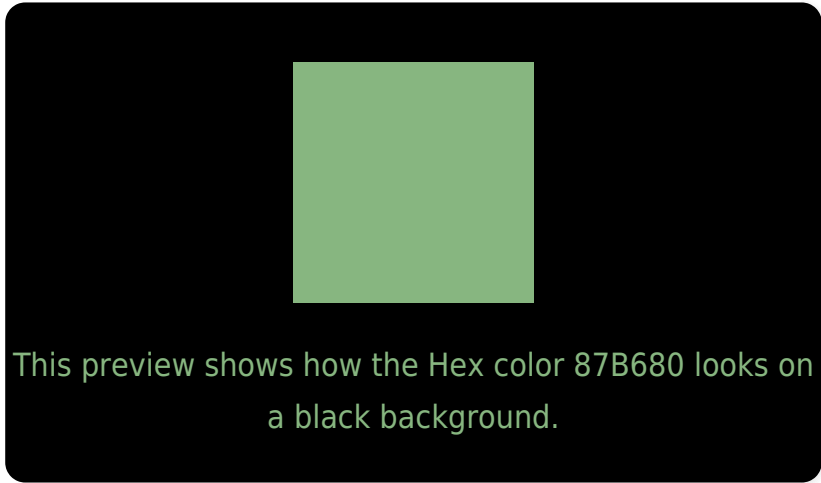
Large Text (above 18pt) WCAG AA × Fail

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

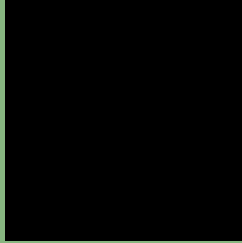
Any Text WCAG AA ✓ Pass

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 87B680 Background



This preview shows how black text looks on a background with the Hex color 87B680.

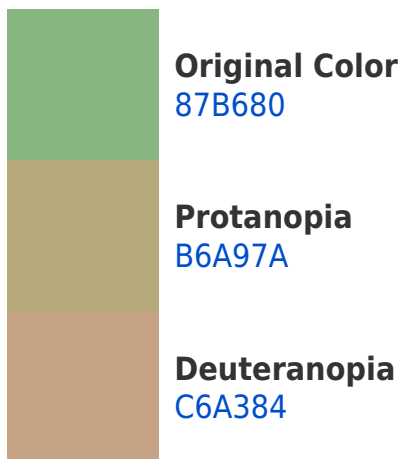


This preview shows how white text looks on a background with the Hex color 87B680.

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](#).

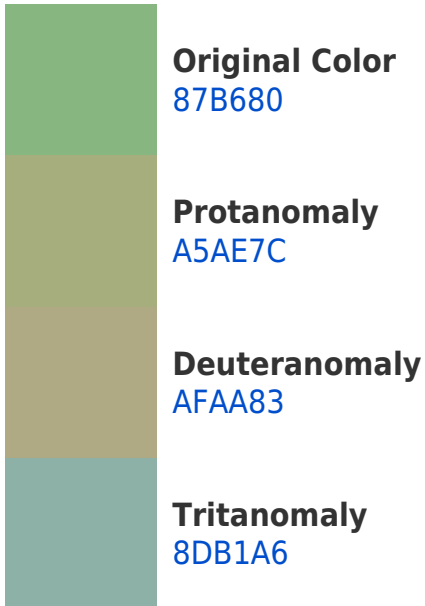
Dichromacy



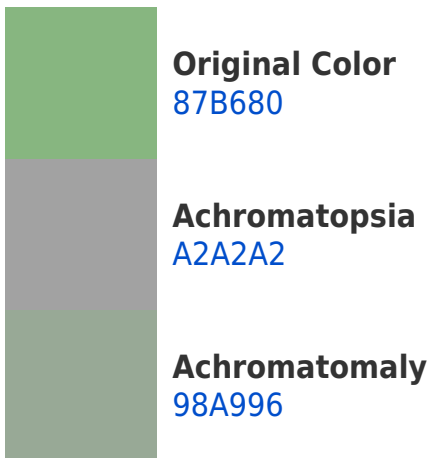


Tritanopia
91AEB3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 87B680 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 #87B680 looks like.

```
.text, #text, p{  
    color:#87B680  
}
```

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 #87B680 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87B680
}
```

Border

The CSS property to change the border of an element to Hex 87B680 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
#87B680 }
```

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

```
.border{ border-color:#87B680 }
```

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

Here you see how a box with a 4 pixel #87B680 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87B680; -webkit-box-shadow:4px 4px  
4px 4px #87B680; box-shadow:4px 4px 4px  
4px #87B680 }
```

Background

The CSS property to change the background color of an element to Hex 87B680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87B680 }
```

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

```
.background{ background-color:#87B680 }
```

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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