

Converting Colors

Hex(87B07C)

Have a look what the booklet for
Hex(87B07C) contains.

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Color

Hex(87B07C)

Conversions

Conversions Part 1

Format	Color
Hex	87B07C
RGB	135, 176, 124
RGB Percent	53%, 69%, 49%
CMY	0.4706, 0.3098, 0.5137
CMYK	0.23, 0.00, 0.30, 0.31
HSL	107°, 25%, 59%
HSV	107°, 30%, 69%
XYZ	29.1551, 37.6568, 24.8006
YIQ	157.8130, -7.7440, -24.8640

Conversions

Conversions Part 2

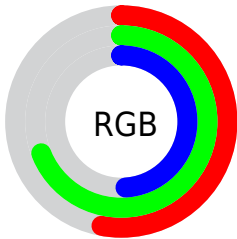
Format	Color
RYB	124, 176, 165
Decimal	8892540
CIELab	67.77, -23.86, 22.28
CIELCh	68, 32.646, 136.954
Yxy	37.6568, 0.3182, 0.4110
Android (android.graphics.Color)	4287082620 (0xFF87B07C)
YUV	157.8130, -16.6698, -20.0070
Hunter-Lab	61.3651, -22.5821, 18.9936

Details

The Hex color **87B07C** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A57CB0**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **BDE8B1**, and **547B4B** is the 20% darker color. If you saturate the color by 10%, you get **79B06A**, and if you desaturate by 10%, it is **95B08E**.

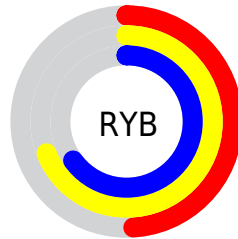
Distribution



Red (53%)

Green (69%)

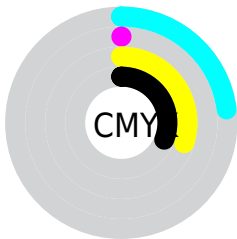
Blue (49%)



Red (49%)

Yellow (69%)

Blue (65%)

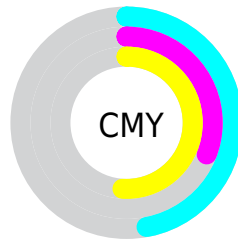


Cyan (23%)

Magenta (0%)

Yellow (30%)

Black (31%)



Cyan (47%)

Magenta (31%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87B07C 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 87B07C by changing the saturation by 10% instead.



87B07C



87B07C

FFFFFF



6D9563



BDE8B1



547B4B



D9FFCC



3C6234



F6FFE9



244A1D



0C3306



001F00



000000



87B07C



87B07C



79B06A



95B08E

 6BB059

 A3B09F

 5DB047

 B1B0B1

 4FB036

 BFB0C2

 42B024

 CCB0D4

 34B012

 DAB0E6

 26B001

 E8B0F7

 25B000

 F6B0FF

 FFB0FF

Harmonies

Analogous

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



A8A96C



87B07C



63B497

Triad

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



87B07C



69ACDE



E08F95

Complementary

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



87B07C



A57CB0

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.



D790B3



87B07C



97A2DD

Square

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



87B07C



43B2CF



BE98CE



D9957B

Rectangle

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



87B07C



4DB5AB



BE98CE



DE8F9F

Sweetspot

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



87B07C



D5E6D1



B0A57C



697366



F2F2F2



737373

Same Dimension

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



87B07C



A6E695



7CB08B



525950



209900



051A00

Inverse Universe

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



A57CB0



D595E6



B07CA1



575059



790099



14001A

Previews

White Background



This preview shows how the Hex color 87B07C looks on a white background.

Color Contrast Check

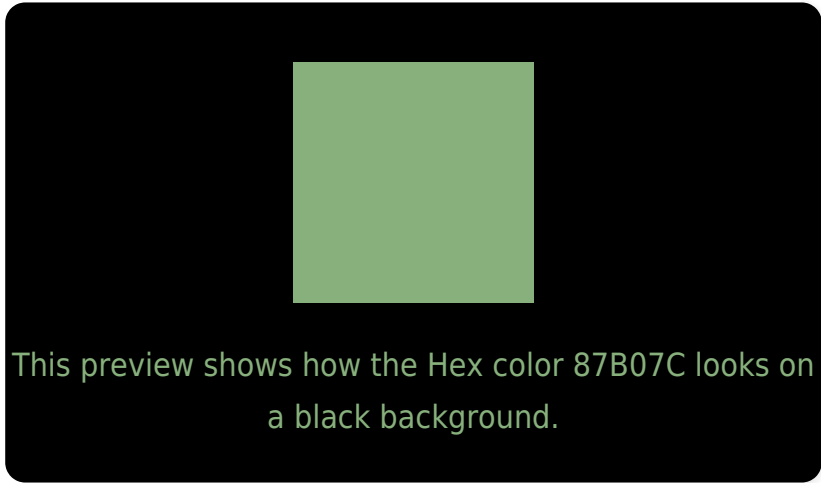
Large Text (above 18pt) WCAG AA × Fail

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

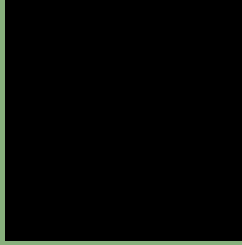
Any Text WCAG AA ✓ Pass

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 87B07C Background



This preview shows how black text looks on a background with the Hex color 87B07C.

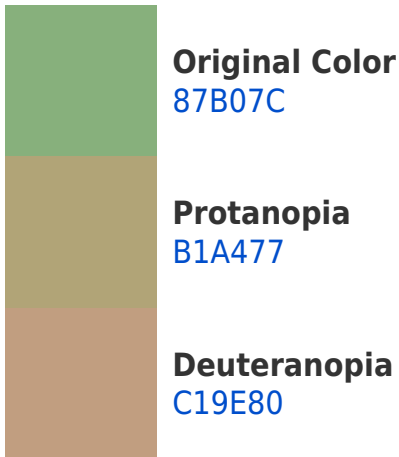


This preview shows how white text looks on a background with the Hex color 87B07C.

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](#).

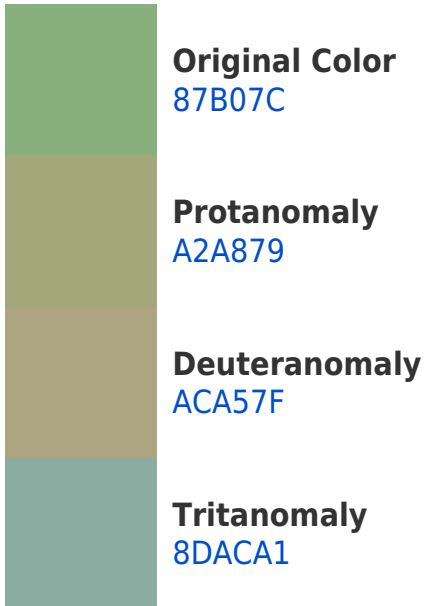
Dichromacy





Tritanopia
91A9B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 87B07C 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 #87B07C looks like.

```
.text, #text, p{  
    color:#87B07C  
}
```

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 #87B07C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87B07C
}
```

Border

The CSS property to change the border of an element to Hex 87B07C 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
#87B07C }
```

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

```
.border{ border-color:#87B07C }
```

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

Here you see how a box with a 4 pixel #87B07C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87B07C; -webkit-box-shadow:4px 4px  
4px 4px #87B07C; box-shadow:4px 4px 4px  
4px #87B07C }
```

Background

The CSS property to change the background color of an element to Hex 87B07C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87B07C }
```

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

```
.background{ background-color:#87B07C }
```

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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