

Converting Colors

Hex(87B087)

Have a look what the booklet for
Hex(87B087) contains.

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Color

Hex(87B087)

Conversions

Conversions Part 1

Format	Color
Hex	87B087
RGB	135, 176, 135
RGB Percent	53%, 69%, 53%
CMY	0.4706, 0.3098, 0.4706
CMYK	0.23, 0.00, 0.23, 0.31
HSL	120°, 21%, 61%
HSV	120°, 23%, 69%
XYZ	29.8902, 37.9508, 28.6715
YIQ	159.0670, -11.2750, -21.4430

Conversions

Conversions Part 2

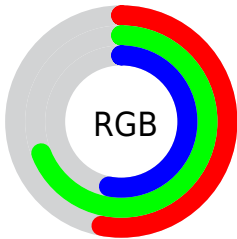
Format	Color
RYB	135, 176, 176
Decimal	8892551
CIELab	67.98, -21.99, 16.61
CIElCh	68, 27.553, 142.930
Yxy	37.9508, 0.3097, 0.3932
Android (android.graphics.Color)	4287082631 (0xFF87B087)
YUV	159.0670, -11.8650, -21.1068
Hunter-Lab	61.6042, -21.1998, 15.5285

Details

The Hex color **87B087** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **B087B0**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **BDE8BC**, and **547B55** is the 20% darker color. If you saturate the color by 10%, you get **75B075**, and if you desaturate by 10%, it is **99B099**.

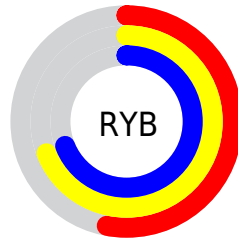
Distribution



Red (53%)

Green (69%)

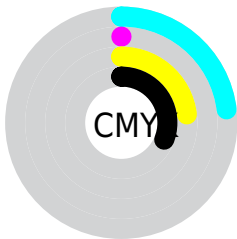
Blue (53%)



Red (53%)

Yellow (69%)

Blue (69%)

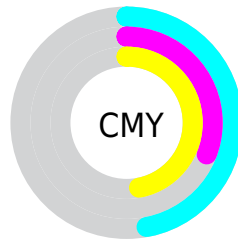


Cyan (23%)

Magenta (0%)

Yellow (23%)

Black (31%)



Cyan (47%)

Magenta (31%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87B087 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 87B087 by changing the saturation by 10% instead.



87B087



87B087

FFFFFF



6D956E



BDE8BC



547B55



D9FFD8



3C623E



F6FFF5



254A28



0D3313



001F00



000000



87B087



87B087



75B075



99B099

 64B064

 AAB0AA

 52B052

 BCB0BC

 41B041

 CDB0CD

 2FB02F

 DFB0DF

 1DB01D

 F1B0F1

 0CB00C

 FFB0FF

 00B000

Harmonies

Analogous

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



A4AA77



87B087



6BB39F

Triad

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



87B087



7DAAD7



D89493

Complementary

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



87B087



B087B0

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.



D394AD



87B087



A1A1D3

Square

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



87B087



60B0CD



C099C4



D09A7F

Rectangle

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



87B087



5EB4B0



C099C4



D8939C

Sweetspot

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



87B087



D5E6D5



B0B087



6A736A



F2F2F2



737373

Same Dimension

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



87B087



A5E6A5



87B09C



505950



009900



001A00

Inverse Universe

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



B087B0



E6A5E6



B0879C



595059



990099



1A001A

Previews

White Background



This preview shows how the Hex color 87B087 looks on a white background.

Color Contrast Check

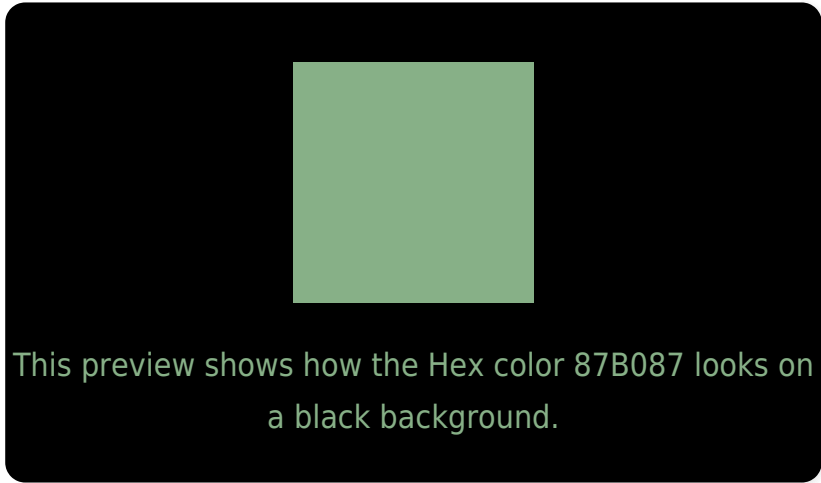
Large Text (above 18pt) WCAG AA × Fail

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

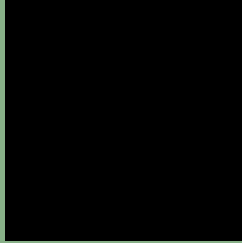
Any Text WCAG AA ✓ Pass

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 87B087 Background



This preview shows how black text looks on a background with the Hex color 87B087.



This preview shows how white text looks on a background with the Hex color 87B087.

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](#).

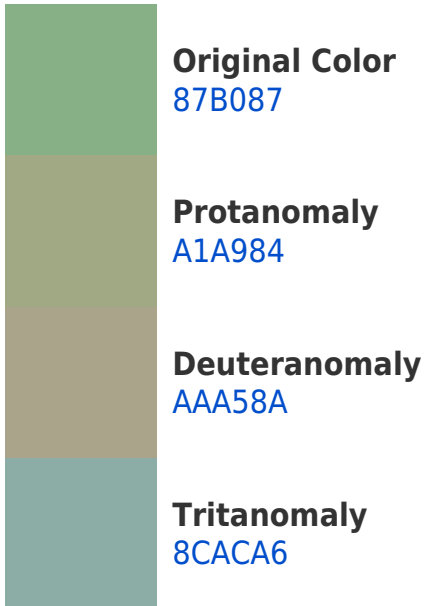
Dichromacy





Tritanopia
8FAAB7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 87B087 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 #87B087 looks like.

```
.text, #text, p{  
    color:#87B087  
}
```

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 #87B087 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87B087
}
```

Border

The CSS property to change the border of an element to Hex 87B087 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
#87B087 }
```

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

```
.border{ border-color:#87B087 }
```

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

Here you see how a box with a 4 pixel #87B087 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87B087; -webkit-box-shadow:4px 4px  
4px 4px #87B087; box-shadow:4px 4px 4px  
4px #87B087 }
```

Background

The CSS property to change the background color of an element to Hex 87B087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87B087 }
```

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

```
.background{ background-color:#87B087 }
```

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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