Converting Colors

Hex(87997B)

Have a look what the booklet for Hex(87997B) contains.

Hex(87997B) 3
Conversions 4
Details 6
Harmonies 11
Previews 23
Color Blindness Simulation 26
CSS Examples 29

Color

Hex(87997B)

Conversions

Conversions Part 1

Format	Color
Hex	87997B
RGB	135, 153, 123
RGB Percent	53%, 60%, 48%
CMY	0.4706, 0.4000, 0.5176
CMYK	0.12, 0.00, 0.20, 0.40
HSL	96°, 13%, 54%
HSV	96°, 20%, 60%
XYZ	24.9581, 29.3634, 23.0912
YIQ	144.1980, -1.0980, -13.1460

Conversions

Conversions Part 2

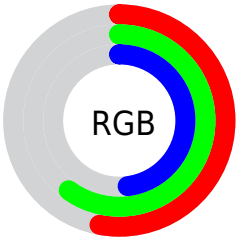
Format	Color
RYB	123, 153, 141
Decimal	8886651
CIELab	61.10, -12.15, 13.66
CIELCh	61, 18.286, 131.647
Yxy	29.3634, 0.3224, 0.3793
Android (android.graphics.Color)	4287076731 (0xFF87997B)
YUV	144.1980, -10.4506, -8.0666
Hunter-Lab	54.1880, -12.6151, 12.6663

Details

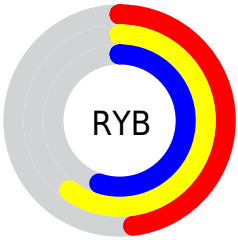
The Hex color 87997B is a dark color, and the websafe version is hex 999966. A complement of this color would be 8D7B99, and the grayscale version is 909090.

A 20% lighter version of the original color is BCCFB0, and 55664A is the 20% darker color. If you saturate the color by 10%, you get 7E996C, and if you desaturate by 10%, it is 90998A.

Distribution

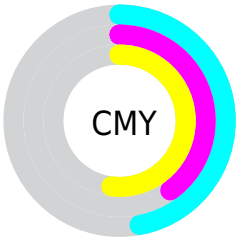


- Red (53%)
- Green (60%)
- Blue (48%)



- Red (48%)
- Yellow (60%)
- Blue (55%)

- Cyan (12%)
- Magenta (0%)
- Yellow (20%)
- Black (40%)



- Cyan (47%)
- Magenta (40%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87997B 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 87997B by changing the saturation by 10% instead.

87997B

FFFFFF

BCCFB0

D8ECCB

F5FFE7

87997B

6E7F62

55664A

3E4E33

27371E

132206

000800

000000

87997B

7E996C

87997B

90998A

75995C

6B994D

62993E

59992F

50991F

479910

3E9901

3D9900

99999A

A399A9

AC99B8

B599C8

BE99D7

C799E6

D099F5

DA99FF

Harmonies

Analogous

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

999474

87997B

759C89

Triad

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

87997B

7598B2

B5888E

Complementary

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

87997B

8D7B99

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.

AE899E

87997B

8993B3

Square

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

87997B

689BA8

9E8DAC

B38A7F

Rectangle

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

87997B

6C9D94

9E8DAC

B38893

Sweetspot

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

87997B

C0C7BB

998D7B

5F635C

E3E3E3

636363

Same Dimension

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

87997B

AAC797

7B997E

484D45

388C00

050D00

Inverse Universe

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

8D7B99

B497C7

997B96

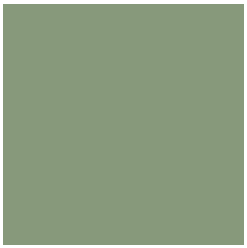
49454D

54008C

08000D

Previews

White Background

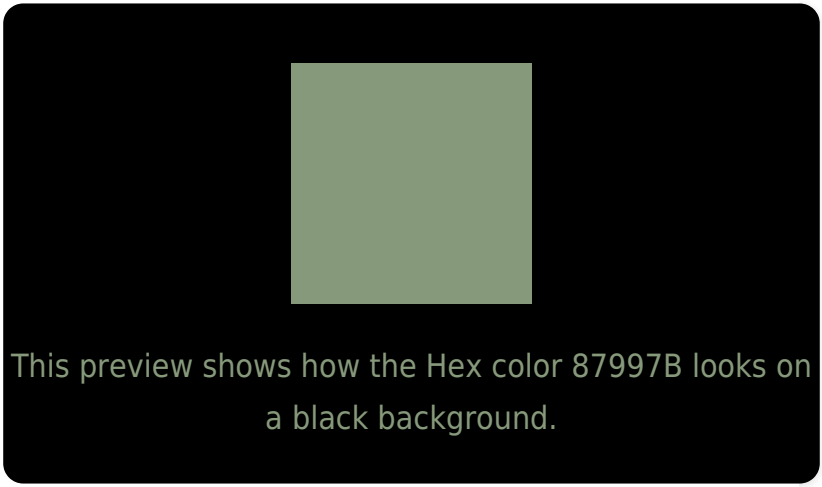


This preview shows how the Hex color 87997B looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass
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 ✕ Fail

If you want to check with other color combinations, try the Color Contrast Checker.

Hex 87997B Background

This preview shows how black text looks on a background with the Hex color 87997B.

This preview shows how white text looks on a background with the Hex color 87997B.

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

Original Color
87997B

Protanopia
9C9378

Deuteranopia
A98E7D

Tritanopia
8D94A0

Trichromacy

Original Color
87997B

Protanomaly
949579

Deuteranomaly
9D927C

Tritanomaly
8B9693

Monochromacy

Original Color
87997B

Achromatopsia
909090

Achromatomaly
8D9388

CSS Examples

Text

The CSS property to change the color of the text to Hex 87997B 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 #87997B looks like.

```
.text, #text, p{
    color:#87997B
}
```

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 #87997B colored shadow looks like.

Here you see how black text with a 4 pixel #87997B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87997B
}
```

Border

The CSS property to change the border of an element to Hex 87997B 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
#87997B }
```

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

```
.border{ border-color:#87997B }
```

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

Here you see how a box with a 4 pixel #87997B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px #87997B; -webkit-box-shadow:4px 4px 4px 4px #87997B; box-shadow:4px 4px 4px 4px #87997B }
```

Background

The CSS property to change the background color of an element to Hex 87997B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{ background:#87997B }
```

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

```
.background{ background-color:#87997B }
```

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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