

Converting Colors

Hex(87A08B)

Have a look what the booklet for
Hex(87A08B) contains.

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Color

Hex(87A08B)

Conversions

Conversions Part 1

Format	Color
Hex	87A08B
RGB	135, 160, 139
RGB Percent	53%, 63%, 55%
CMY	0.4706, 0.3725, 0.4549
CMYK	0.16, 0.00, 0.13, 0.37
HSL	130°, 12%, 58%
HSV	130°, 16%, 63%
XYZ	27.2227, 32.1566, 29.1982
YIQ	150.1310, -8.1590, -11.8310

Conversions

Conversions Part 2

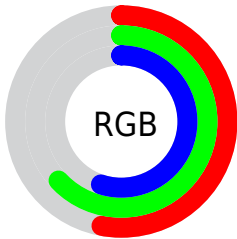
Format	Color
RYB	135, 157, 160
Decimal	8888459
CIELab	63.47, -12.97, 8.05
CIElCh	63, 15.262, 148.171
Yxy	32.1566, 0.3073, 0.3630
Android (android.graphics.Color)	4287078539 (0xFF87A08B)
YUV	150.1310, -5.4876, -13.2699
Hunter-Lab	56.7068, -13.5461, 9.1665

Details

The Hex color **87A08B** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A0879C**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **BCD7C0**, and **556C59** is the 20% darker color. If you saturate the color by 10%, you get **77A07E**, and if you desaturate by 10%, it is **97A098**.

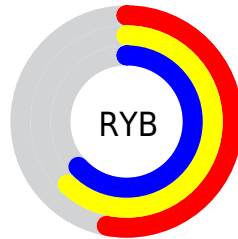
Distribution



Red (53%)

Green (63%)

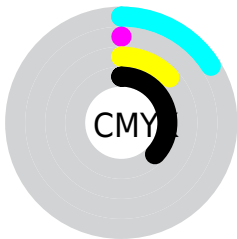
Blue (55%)



Red (53%)

Yellow (62%)

Blue (63%)

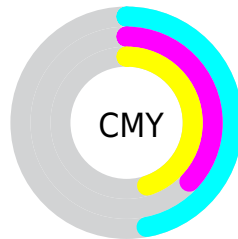


Cyan (16%)

Magenta (0%)

Yellow (13%)

Black (37%)



Cyan (47%)

Magenta (37%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87A08B 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 87A08B by changing the saturation by 10% instead.



87A08B



87A08B

FFFFFF



6E8672



BCD7C0



556C59



D8F3DC



3D5442



F5FFF9



273D2C



122717



001300



000000



87A08B



87A08B



77A07E



97A098

 67A070

 A7A0A6

 57A063

 B7A0B3

 47A055


 C7A0C1

 37A048

 D7A0CE

 27A03A

 E7A0DC

 17A02D

 F7A0E9

 07A01F

 FFA0F7

 00A01A

 FFA0FF

Harmonies

Analogous

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



969D82



87A08B



7BA298

Triad

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



87A08B



8A9BB5



B6918D

Complementary

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



87A08B



A0879C

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.



B4909B



87A08B



9B96B2

Square

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



87A08B



7B9FB0



AB92A8



B19483

Rectangle

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



87A08B



76A2A2



AB92A8



B69092

Sweetspot

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



87A08B



C7D1C8



9CA087



626963



E8E8E8



696969

Same Dimension

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



87A08B



A9D1B0



87A097



474F48



008F17



000F02

Inverse Universe

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



A0879C



D1A9CB



A08790



4F474E



8F0078



0F000D

Previews

White Background



This preview shows how the Hex color 87A08B looks on a white background.

Color Contrast Check

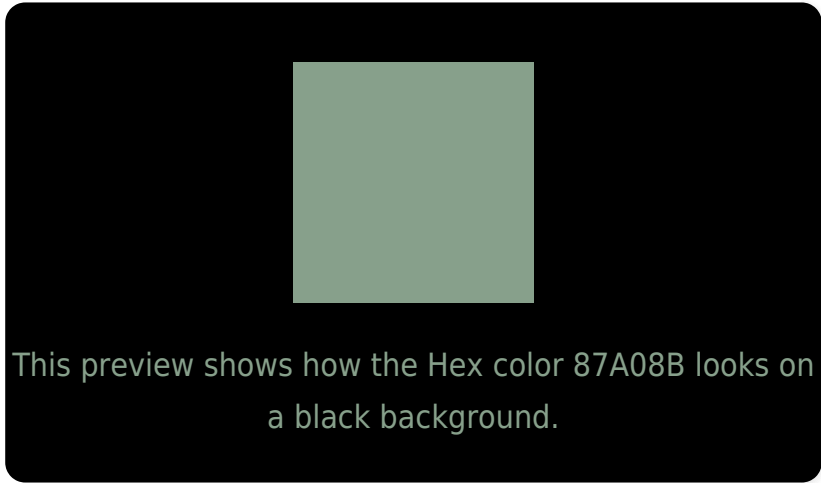
Large Text (above 18pt) WCAG AA × Fail

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

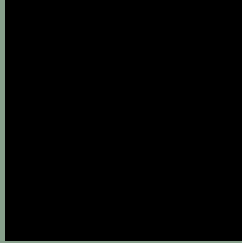
Any Text WCAG AA ✓ Pass

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 87A08B Background



This preview shows how black text looks on a background with the Hex color 87A08B.



This preview shows how white text looks on a background with the Hex color 87A08B.

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



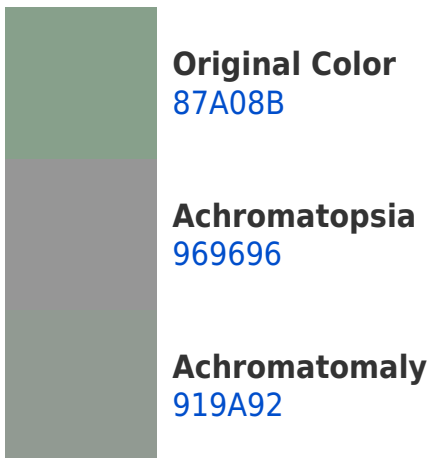


Tritanopia
8C9CA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 87A08B 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 #87A08B looks like.

```
.text, #text, p{  
    color:#87A08B  
}
```

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 #87A08B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87A08B
}
```

Border

The CSS property to change the border of an element to Hex 87A08B 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
#87A08B }
```

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

```
.border{ border-color:#87A08B }
```

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

Here you see how a box with a 4 pixel #87A08B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87A08B; -webkit-box-shadow:4px 4px  
4px 4px #87A08B; box-shadow:4px 4px 4px  
4px #87A08B }
```

Background

The CSS property to change the background color of an element to Hex 87A08B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87A08B }
```

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

```
.background{ background-color:#87A08B }
```

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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