

# Converting Colors

Hex(A0788B)

Have a look what the booklet for  
Hex(A0788B) contains.

|  |    |
|--|----|
| <b>Hex(A0788B)</b> .....                       | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

**Color**

**Hex(A0788B)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | A0788B                     |
| RGB           | 160, 120, 139              |
| RGB Percent   | 63%, 47%, 55%              |
| CMY           | 0.3725, 0.5294, 0.4549     |
| CMYK          | 0.00, 0.25, 0.13, 0.37     |
| HSL           | 332°, 17%, 55%             |
| HSV           | 332°, 25%, 63%             |
| XYZ           | 25.8739, 22.7706, 27.4576  |
| YIQ           | 134.1260, 17.7410, 14.3890 |

# Conversions

## Conversions Part 2

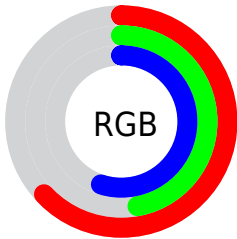
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>R<sub>YB</sub></b>               | 160, 120, 139                |
| Decimal                             | 10516619                     |
| CIE <sub>Lab</sub>                  | 54.84, 18.72, -4.23          |
| CIE <sub>LCh</sub>                  | 55, 19.196, 347.280          |
| Yxy                                 | 22.7706, 0.3400,<br>0.2992   |
| Android<br>(android.graphics.Color) | 4288706699<br>(0xFFA0788B)   |
| YUV                                 | 134.1260, 2.4029,<br>22.6915 |
| Hunter-Lab                          | 47.7186, 13.2785,<br>-0.7129 |

# Details

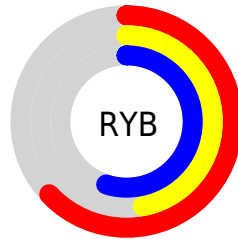
The Hex color **A0788B** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **78A08D**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **D7ADC0**, and **6C4759** is the 20% darker color. If you saturate the color by 10%, you get **A06883**, and if you desaturate by 10%, it is **A08893**.

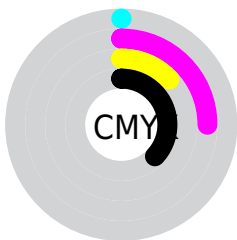
# Distribution



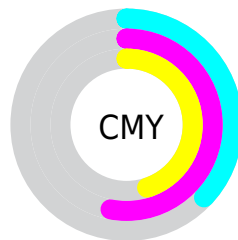
- Red (63%)
- Green (47%)
- Blue (55%)



- Red (63%)
- Yellow (47%)
- Blue (55%)



- Cyan (0%)
- Magenta (25%)
- Yellow (13%)
- Black (37%)



- Cyan (37%)
- Magenta (53%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A0788B 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 A0788B by changing the saturation by 10% instead.





A0788B



A0788B

FFFFFF



865F72



D7ADC0



6C4759



F4C8DC



533042



FFE4F9



3B1A2C



250317



000000



A0788B



A0788B



A06883



A08893



A0587A



A0989C

 A04872

 A0A8A4

 A03869

 A0B8AD

 A02861

 A0C8B5

 A01859

 A0D8BD

 A00850

 A0E8C6

 A0004C

 A0F8CE

 A0FFD7

# Harmonies

## Analogous

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



927C9A



A0788B



A5787A

# Triad

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



A0788B



868563



568B9B

# Complementary

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



A0788B



78A08D

# 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.



558D8C



A0788B



738A6C

# Square

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



A0788B



968063



618C7B



6687A3

# Rectangle

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



A0788B



A47970



618C7B



548C97



# Sweetspot

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



A0788B



D1C0C8



8D78A0



695E63



E8E8E8



696969



# Same Dimension

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



A0788B



D192B0



A07978



4F474B



8F0044



0F0007



# Inverse Universe

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



A0788B



D192B0



789FA0



4F474B



8F0044

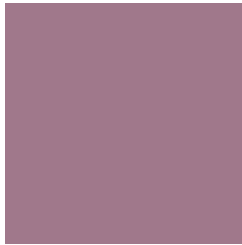


0F0007



# Previews

## White Background



This preview shows how the Hex color A0788B looks on a white background.

## Color Contrast Check

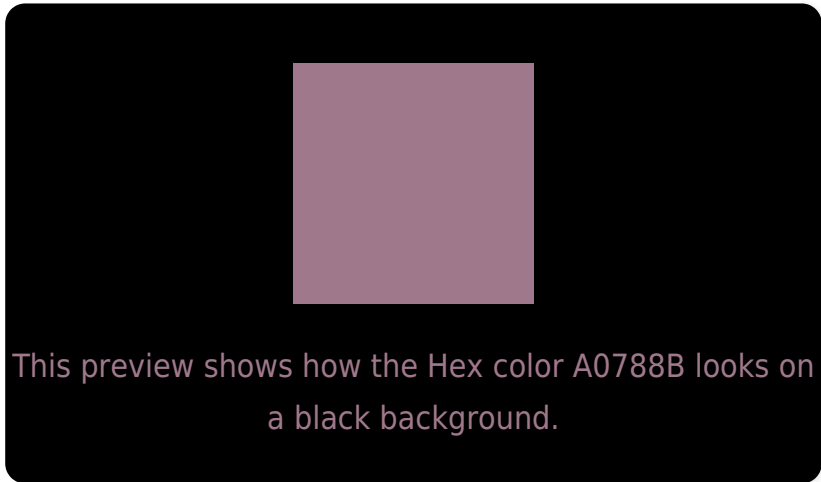
Large Text (above 18pt) WCAG AA ✓ Pass

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

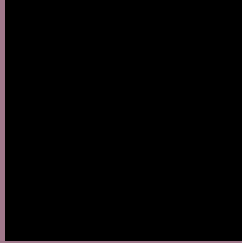
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A0788B Background



This preview shows how black text looks on a background with the Hex color A0788B.



This preview shows how white text looks on a background with the Hex color A0788B.

# 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**  
A0788B

**Protanopia**  
828392

**Deuteranopia**  
8D808A



**Tritanopia**  
9F7983

# Trichromacy



**Original Color**  
A0788B

**Protanomaly**  
8D7F8F

**Deuteranomaly**  
947D8A

**Tritanomaly**  
9F7986

# Monochromacy



**Original Color**  
A0788B

**Achromatopsia**  
868686

**Achromatomaly**  
8F8188

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A0788B 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 #A0788B looks like.

```
.text, #text, p{  
    color:#A0788B  
}
```

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 #A0788B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A0788B  
}
```

## Border

The CSS property to change the border of an element to Hex A0788B is called "border". The border property can be set on classes, ids or directly on the HTML element.

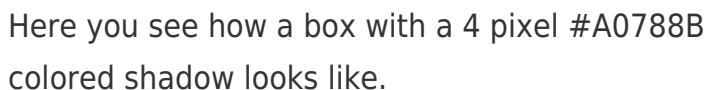
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#A0788B }
```

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

```
.border{ border-color:#A0788B }
```

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



Here you see how a box with a 4 pixel `#A0788B` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A0788B; -webkit-box-shadow:4px 4px  
4px 4px #A0788B; box-shadow:4px 4px 4px  
4px #A0788B }
```

# Background

The CSS property to change the background color of an element to Hex A0788B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A0788B }
```

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

```
.background{ background-color:#A0788B }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor