

# Converting Colors

Hex(A77687)

Have a look what the booklet for  
Hex(A77687) contains.

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**Color**

**Hex(A77687)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">A77687</a>
RGB	<a href="#">167, 118, 135</a>
RGB Percent	<a href="#">65%, 46%, 53%</a>
CMY	<a href="#">0.3451, 0.5373, 0.4706</a>
CMYK	<a href="#">0.00, 0.29, 0.19, 0.35</a>
HSL	<a href="#">339°, 22%, 56%</a>
HSV	<a href="#">339°, 29%, 65%</a>
XYZ	<a href="#">26.7880, 22.9216, 25.9341</a>
YIQ	<a href="#">134.5890, 23.7470, 15.6750</a>

# Conversions

## Conversions Part 2

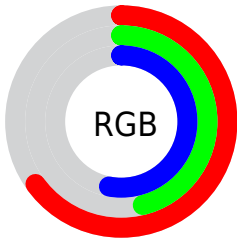
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	167, 118, 135
Decimal	10974855
CIE <sub>Lab</sub>	54.99, 21.82, -1.58
CIE <sub>LCh</sub>	55, 21.880, 355.870
Yxy	22.9216, 0.3541, 0.3030
Android (android.graphics.Color)	4289164935 (0xFFA77687)
YUV	134.5890, 0.2026, 28.4244
Hunter-Lab	47.8765, 16.0907, 1.3969

# Details

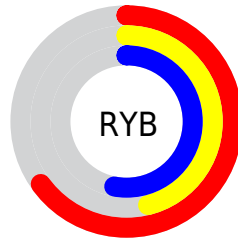
The Hex color **A77687** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **76A796**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **DFABBC**, and **724555** is the 20% darker color. If you saturate the color by 10%, you get **A7657C**, and if you desaturate by 10%, it is **A78792**.

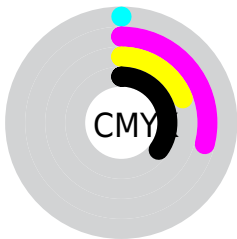
# Distribution



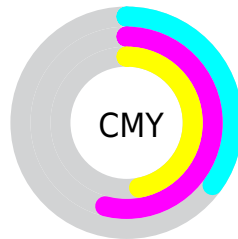
- Red (65%)
- Green (46%)
- Blue (53%)



- Red (65%)
- Yellow (46%)
- Blue (53%)



- Cyan (0%)
- Magenta (29%)
- Yellow (19%)
- Black (35%)



- Cyan (35%)
- Magenta (54%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A77687 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 A77687 by changing the saturation by 10% instead.



 A77687

 A77687

FFFFFF

 8C5D6E

 DFABBC

 724555

 FCC6D8

 592E3E

 FFE2F4

 401828

 2A0114

 010000

 000000

 A77687

 A77687

 A7657C

 A78792

 A75571

 A7979D

 A74466

 A7A8A8

 A7335B

 A7B9B3

 A72350

 A7C9BE

 A71246

 A7DAC8

 A7013B

 A7EBD3

 A7003A

 A7FCDE

 A7FFE9

# Harmonies

## Analogous

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



997A99



A77687



AA7774

# Triad

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



A77687



808761



528BA2

# Complementary

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



A77687



76A796

# 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.



4B8E93



A77687



6A8C6E

# Square

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



A77687



94815E



568E80



6886A9

# Rectangle

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



A77687



A67969



568E80



4D8C9E



# Sweetspot

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



A77687



D9C5CC



9676A7



6E6266



EDEDED



6E6E6E



# Same Dimension

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



A77687



D98DA7



A77D76



544C4F



940033



140007



# Inverse Universe

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



A77687



D98DA7



76A0A7



544C4F



940033

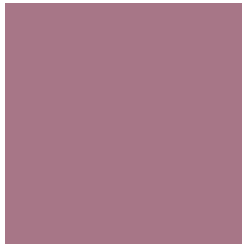


140007



# Previews

## White Background



This preview shows how the Hex color A77687 looks on a white background.

## Color Contrast Check

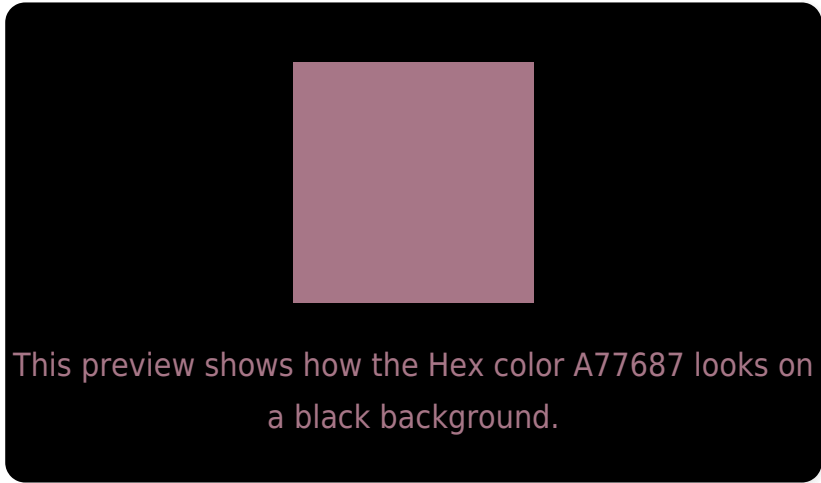
Large Text (above 18pt) WCAG AA ✓ Pass

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

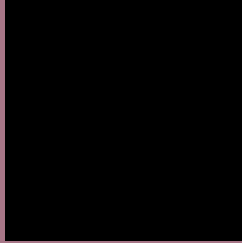
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A77687 Background



This preview shows how black text looks on a background with the Hex color A77687.

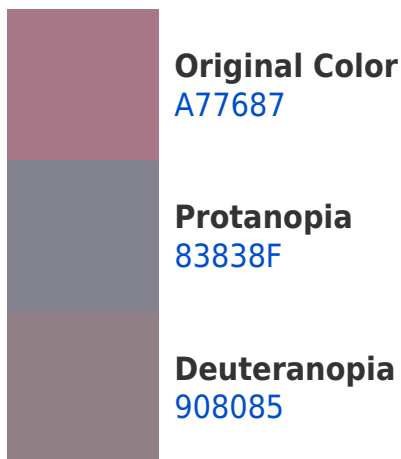


This preview shows how white text looks on a background with the Hex color A77687.

# 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**  
A67780

# Trichromacy



**Original Color**  
A77687

**Protanomaly**  
907E8C

**Deuteranomaly**  
987C86

**Tritanomaly**  
A67783

# Monochromacy



**Original Color**  
A77687

**Achromatopsia**  
878787

**Achromatomaly**  
938187

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A77687 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 #A77687 looks like.

```
.text, #text, p{  
    color:#A77687  
}
```

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 #A77687 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A77687
}
```

## Border

The CSS property to change the border of an element to Hex A77687 is called "border". The border property can be set on classes, ids or directly on the HTML element.

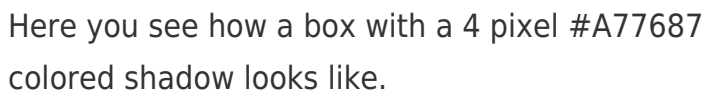
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A77687 }
```

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

```
.border{ border-color:#A77687 }
```

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



Here you see how a box with a 4 pixel `#A77687` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A77687; -webkit-box-shadow:4px 4px  
4px 4px #A77687; box-shadow:4px 4px 4px  
4px #A77687 }
```

# Background

The CSS property to change the background color of an element to Hex A77687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A77687 }
```

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

```
.background{ background-color:#A77687 }
```

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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