

Converting Colors

Hex(947A87)

Have a look what the booklet for
Hex(947A87) contains.

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Color

Hex(947A87)

Conversions

Conversions Part 1

Format	Color
Hex	947A87
RGB	148, 122, 135
RGB Percent	58%, 48%, 53%
CMY	0.4196, 0.5216, 0.4706
CMYK	0.00, 0.18, 0.09, 0.42
HSL	330°, 11%, 53%
HSV	330°, 18%, 58%
XYZ	23.5455, 21.9642, 25.9202
YIQ	131.2560, 11.3230, 9.5550

Conversions

Conversions Part 2

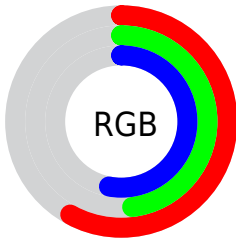
Format	Color
R_{YB}	148, 122, 135
Decimal	9730695
CIE _{Lab}	53.99, 12.34, -3.28
CIE _{LCh}	54, 12.774, 345.112
Yxy	21.9642, 0.3296, 0.3075
Android (android.graphics.Color)	4287920775 (0xFF947A87)
YUV	131.2560, 1.8458, 14.6845
Hunter-Lab	46.8660, 7.6627, 0.0147

Details

The Hex color **947A87** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **7A9487**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **CAAEB3**, and **614955** is the 20% darker color. If you saturate the color by 10%, you get **946B80**, and if you desaturate by 10%, it is **94898E**.

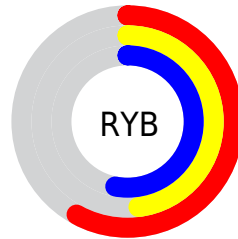
Distribution



Red (58%)

Green (48%)

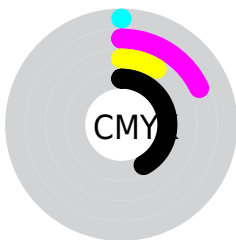
Blue (53%)



Red (58%)

Yellow (48%)

Blue (53%)

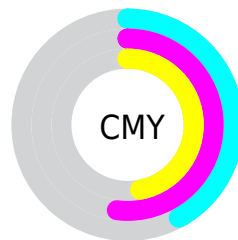


Cyan (0%)

Magenta (18%)

Yellow (9%)

Black (42%)



Cyan (42%)

Magenta (52%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 947A87 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 947A87 by changing the saturation by 10% instead.



947A87



947A87

FFFFFF



7A616E



CAAEBC



614955



E6CAD8



49333E



FFE6F4



321D28



1E0514



000000



947A87



947A87



946B80



94898E



945C78



949896

944E71

94A69D

943F69

94B5A5

943062

94C4AC

94215B

94D3B3

941253

94E2BB

94044C

94F0C2

94004A

94FFCA

Harmonies

Analogous

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



8A7C91



947A87



987A7C

Triad

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



947A87



84826C



668690

Complementary

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



947A87



7A9487

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.



658886



947A87



778571

Square

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



947A87



8F7E6C



6C877B



6E8496

Rectangle

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



947A87



987A75



6C877B



64878D

Sweetspot

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



947A87



BFB6BA



877A94



615B5E



E0E0E0



616161

Same Dimension

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



947A87



BF97AB



947A7A



4A4346



8A0045



0A0005

Inverse Universe

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



947A87



BF97AB



7A9494



4A4346



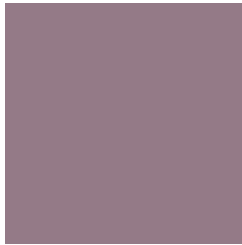
8A0045



0A0005

Previews

White Background



This preview shows how the Hex color 947A87 looks on a white background.

Color Contrast Check

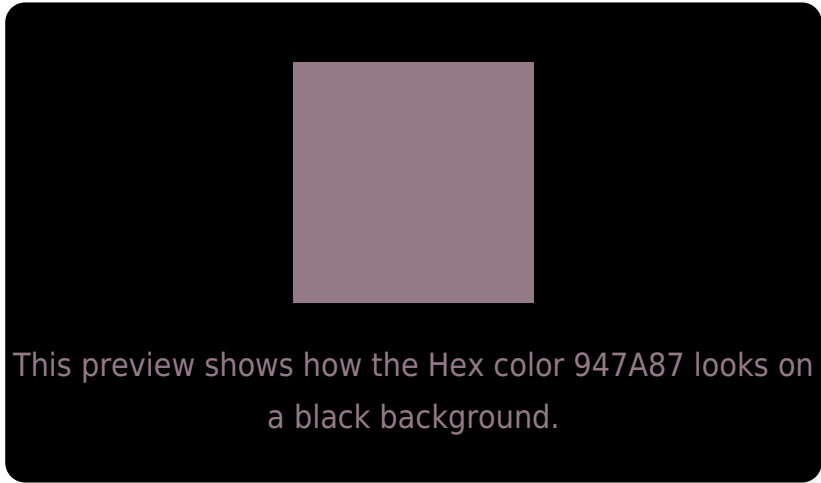
Large Text (above 18pt) WCAG AA ✓ Pass

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

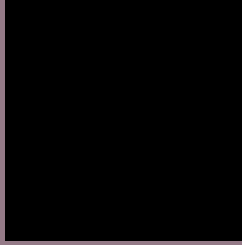
Any Text WCAG AA ✓ Pass

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 947A87 Background



This preview shows how black text looks on a background with the Hex color 947A87.



This preview shows how white text looks on a background with the Hex color 947A87.

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
947A87

Protanopia
81808B

Deuteranopia
8B7D86



Tritanopia
947A84

Trichromacy



Original Color
947A87

Protanomaly
887E8A

Deuteranomaly
8E7C86

Tritanomaly
947A85

Monochromacy



Original Color
947A87

Achromatopsia
838383

Achromatomaly
898084

CSS Examples

Text

The CSS property to change the color of the text to Hex 947A87 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 #947A87 looks like.

```
.text, #text, p{  
    color:#947A87  
}
```

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 #947A87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #947A87
}
```

Border

The CSS property to change the border of an element to Hex 947A87 is called "border". The border property can be set on classes, ids or directly on the HTML element.

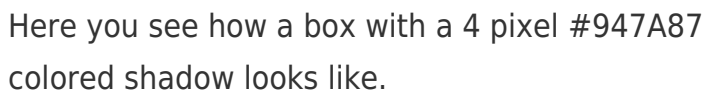
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#947A87 }
```

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

```
.border{ border-color:#947A87 }
```

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



Here you see how a box with a 4 pixel #947A87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #947A87; -webkit-box-shadow:4px 4px  
4px 4px #947A87; box-shadow:4px 4px 4px  
4px #947A87 }
```

Background

The CSS property to change the background color of an element to Hex 947A87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#947A87 }
```

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

```
.background{ background-color:#947A87 }
```

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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