

Converting Colors

Hex(947AAA)

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

Hex(947AAA)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(947AAA)

Conversions

Conversions Part 1

Format	Color
Hex	947AAA
RGB	148, 122, 170
RGB Percent	58%, 48%, 67%
CMY	0.4196, 0.5216, 0.3333
CMYK	0.13, 0.28, 0.00, 0.33
HSL	272°, 22%, 57%
HSV	272°, 28%, 67%
XYZ	26.4280, 23.1172, 41.0994
YIQ	135.2460, 0.0880, 20.4400

Conversions

Conversions Part 2

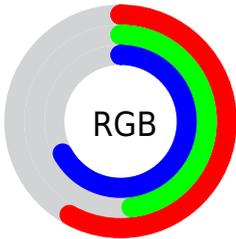
Format	Color
R_{YB}	148, 122, 170
Decimal	9730730
CIE _{Lab}	55.19, 19.48, -21.79
CIE _{LCh}	55, 29.231, 311.792
Yxy	23.1172, 0.2916, 0.2550
Android (android.graphics.Color)	4287920810 (0xFF947AAA)
YUV	135.2460, 17.1337, 11.1853
Hunter-Lab	48.0804, 13.9740, -17.0251

Details

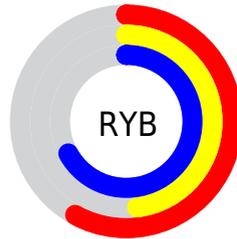
The Hex color **947AAA** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **90AA7A**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **CBAFE1**, and **614976** is the 20% darker color. If you saturate the color by 10%, you get **8C69AA**, and if you desaturate by 10%, it is **9C8BAA**.

Distribution



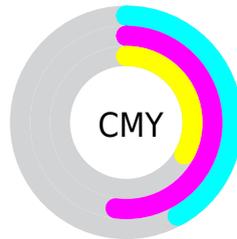
- Red (58%)
- Green (48%)
- Blue (67%)



- Red (58%)
- Yellow (48%)
- Blue (67%)



- Cyan (13%)
- Magenta (28%)
- Yellow (0%)
- Black (33%)



- Cyan (42%)
- Magenta (52%)
- Yellow (33%)

Brightness & Saturation Gradients

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

■ 947AAA

■ 947AAA

FFFFFF

■ 7A618F

■ CBAFE1

■ 614976

■ E7CAFE

■ 48325D

■ FFE6FF

■ 311D45

■ 1B062F

■ 000119

■ 000000

■ 947AAA

■ 947AAA

■ 8C69AA

■ 9C8BAA

8458AA

A49CAA

7D47AA

ABADAA

7536AA

B3BEAA

6D25AA

BBCFAA

6514AA

C3E0AA

5D03AA

CBF1AA

5C00AA

D2FFAA

DAFFAA

Harmonies

Analogous

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



7183B5



947AAA



AC7395

Triad

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



947AAA



A37D54



31928E

Complementary

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



947AAA



90AA7A

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.



509173



947AAA



8B8652

Square

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



947AAA



B27564



6F8D5E



2790A5

Rectangle

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



947AAA



B47184



6F8D5E



3B9285

Sweetspot

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



947AAA



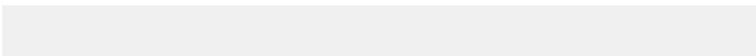
D6CCDE



7A90AA



6B6570



F0F0F0



707070

Same Dimension

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



947AAA



BB92DE



AA7AA8



504C54



500094



0B0014

Inverse Universe

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



AA7A90



DE92B5



7AAA7C



544C50



940044



140009

Previews

White Background



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

Color Contrast Check

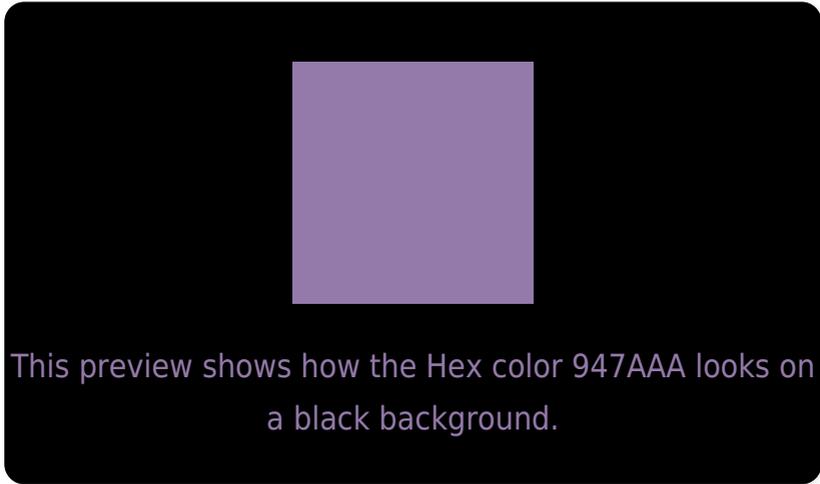
Large Text (above 18pt) WCAG AA ✓ Pass

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

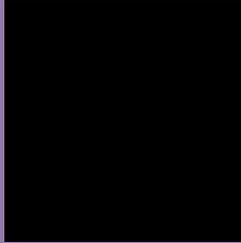
Any Text WCAG AA ✓ Pass

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 947AAA Background



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



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

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](#).

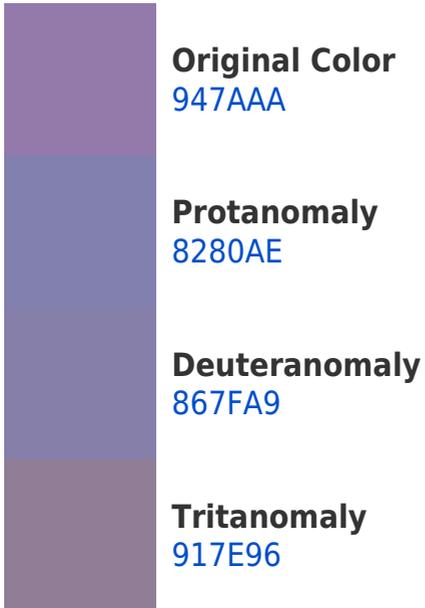
Dichromacy





Tritanopia
8F808A

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #947AAA colored shadow looks like.

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

Border

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

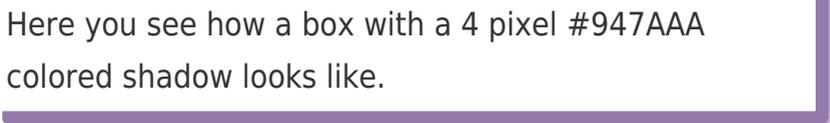
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

Background

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

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

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

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

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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