

Converting Colors

Hex(947DAA)

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

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Color

Hex(947DAA)

Conversions

Conversions Part 1

Format	Color
Hex	947DAA
RGB	148, 125, 170
RGB Percent	58%, 49%, 67%
CMY	0.4196, 0.5098, 0.3333
CMYK	0.13, 0.26, 0.00, 0.33
HSL	271°, 21%, 58%
HSV	271°, 26%, 67%
XYZ	26.8021, 23.8654, 41.2241
YIQ	137.0070, -0.7370, 18.8710

Conversions

Conversions Part 2

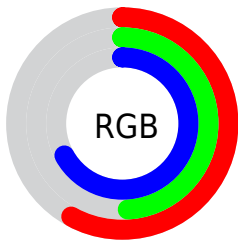
Format	Color
RYB	148, 125, 170
Decimal	9731498
CIELab	55.95, 17.74, -20.63
CIELCh	56, 27.207, 310.689
Yxy	23.8654, 0.2917, 0.2597
Android (android.graphics.Color)	4287921578 (0xFF947DAA)
YUV	137.0070, 16.2655, 9.6409
Hunter-Lab	48.8522, 12.4400, -15.8354

Details

The Hex color **947DAA** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **93AA7D**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **CAB2E1**, and **614C76** is the 20% darker color. If you saturate the color by 10%, you get **8C6CAA**, and if you desaturate by 10%, it is **9C8EAA**.

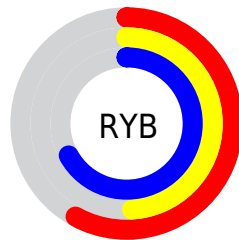
Distribution



Red (58%)

Green (49%)

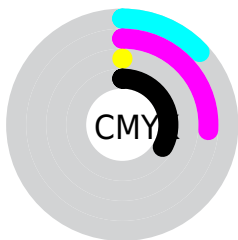
Blue (67%)



Red (58%)

Yellow (49%)

Blue (67%)

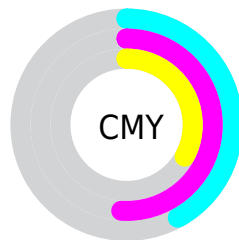


Cyan (13%)

Magenta (26%)

Yellow (0%)

Black (33%)



Cyan (42%)

Magenta (51%)

Yellow (33%)

Brightness & Saturation Gradients

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

■ 947DAA

■ 947DAA

FFFFFF

■ 7A648F

■ CAB2E1

■ 614C76

■ E7CDFE

■ 48355D

■ FFE9FF

■ 311F45

■ 1B0A2F

■ 00011A

■ 000000

■ 947DAA

■ 947DAA

■ 8C6CAA

■ 9C8EAA

835BAA

A59FAA

7B4AAA

ADB0AA

7339AA

B5C1AA

6A28AA

BED2AA

6217AA

C6E3AA

5A06AA

CEF4AA

5700AA

D6FFAA

DFFFAA

Harmonies

Analogous

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



7385B4



947DAA



AB7696

Triad

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



947DAA



A47F5A



3E938E

Complementary

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



947DAA



93AA7D

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.



589276



947DAA



8E8757

Square

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



947DAA



B27868



748E62



3791A4

Rectangle

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



947DAA



B37486



748E62



469386

Sweetspot

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



947DAA



D5CCDE



7D93AA



6B6570



F0F0F0



707070

Same Dimension

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



947DAA



BB97DE



AA7DAA



504C54



4C0094



0A0014

Inverse Universe

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



AA7D93



DE97BA



7DAA7D



544C50



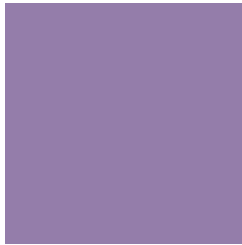
940048



14000A

Previews

White Background



This preview shows how the Hex color 947DAA 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

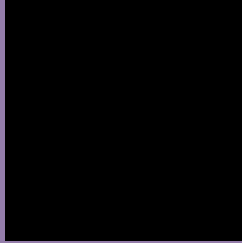
Any Text WCAG AA ✓ Pass

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 947DAA Background



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

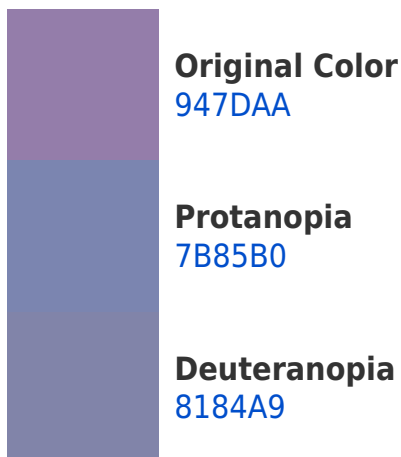



This preview shows how white text looks on a background with the Hex color 947DAA.

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
8F828D

Trichromacy



Original Color
947DAA

Protanomaly
8482AE

Deuteranomaly
8881A9

Tritanomaly
918098

Monochromacy



Original Color
947DAA

Achromatopsia
898989

Achromatomaly
8D8595

CSS Examples

Text

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

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

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 #947DAA colored shadow looks like.

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

Border

The CSS property to change the border of an element to Hex 947DAA 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
#947DAA }
```

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

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

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

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

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

Background

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

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

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

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

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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