

Converting Colors

Hex(947BAE)

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

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Color

Hex(947BAE)

Conversions

Conversions Part 1

Format	Color
Hex	947BAE
RGB	148, 123, 174
RGB Percent	58%, 48%, 68%
CMY	0.4196, 0.5176, 0.3176
CMYK	0.15, 0.29, 0.00, 0.32
HSL	269°, 24%, 58%
HSV	269°, 29%, 68%
XYZ	26.9357, 23.5178, 43.1641
YIQ	136.2890, -1.4710, 21.1610

Conversions

Conversions Part 2

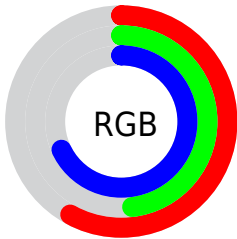
Format	Color
R_{YB}	148, 123, 174
Decimal	9730990
CIE _{Lab}	55.60, 19.79, -23.47
CIE _{LCh}	56, 30.703, 310.144
Yxy	23.5178, 0.2877, 0.2512
Android (android.graphics.Color)	4287921070 (0xFF947BAE)
YUV	136.2890, 18.5915, 10.2705
Hunter-Lab	48.4952, 14.2778, -18.8257

Details

The Hex color **947BAE** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **95AE7B**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **CBB0E6**, and **614A79** is the 20% darker color. If you saturate the color by 10%, you get **8B6AAE**, and if you desaturate by 10%, it is **9D8CAE**.

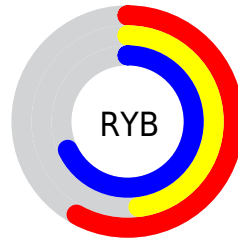
Distribution



Red (58%)

Green (48%)

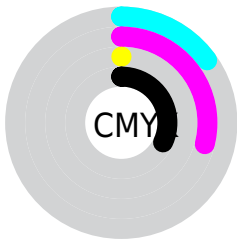
Blue (68%)



Red (58%)

Yellow (48%)

Blue (68%)

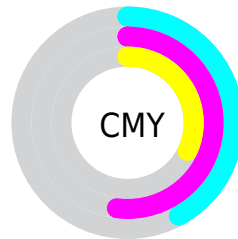


Cyan (15%)

Magenta (29%)

Yellow (0%)

Black (32%)



Cyan (42%)

Magenta (52%)

Yellow (32%)

Brightness & Saturation Gradients

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

■ 947BAE

■ 947BAE

FFFFFF

■ 7A6293

■ CBB0E6

■ 614A79

■ E7CBFF

■ 483360

■ FFE7FF

■ 311D48

■ 1B0832

■ 00011C

■ 000000

■ 947BAE

■ 947BAE

■ 8B6AAE

■ 9D8CAE

8258AE

A69EAE

7947AE

AFAFAE

7135AE

B7C1AE

6824AE

C0D2AE

5F13AE

C9E3AE

5601AE

D2F5AE

5500AE

DBFFAE

E4FFAE

Harmonies

Analogous

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



6E85B9



947BAE



AE7398

Triad

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



947BAE



A67D53



2C948E

Complementary

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



947BAE



95AE7B

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.



509272



947BAE



8E8650

Square

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



947BAE



B67564



718E5C



1A92A7

Rectangle

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



947BAE



B77186



718E5C



389384

Sweetspot

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



947BAE



D9CFE3



7B95AE



6C6673



F2F2F2



737373

Same Dimension

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



947BAE



BA94E3



AD7BAE



524E57



4A0096



0B0017

Inverse Universe

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



AE7B95



E394BC



7CAE7B



574E52



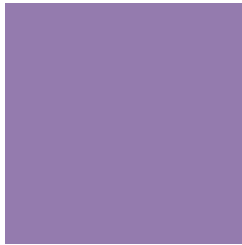
96004D



17000C

Previews

White Background



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

Color Contrast Check

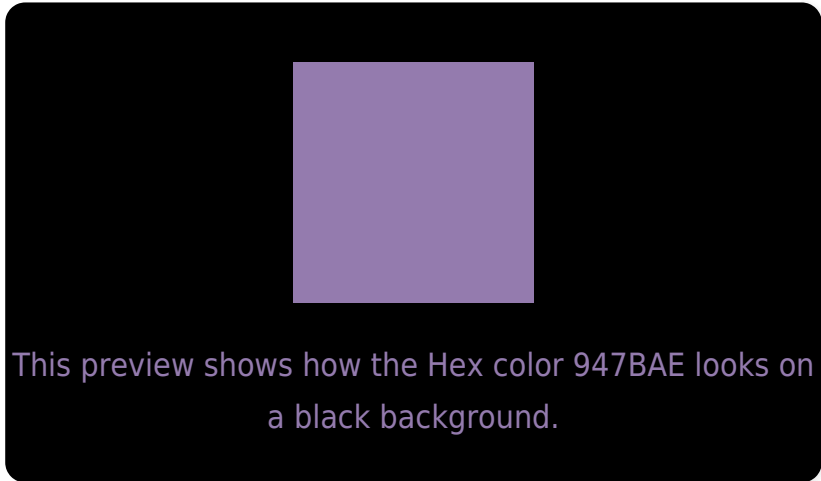
Large Text (above 18pt) WCAG AA ✓ Pass

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

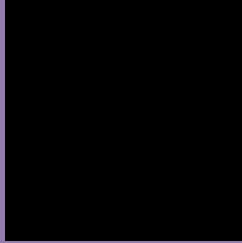
Any Text WCAG AA ✓ Pass

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 947BAE Background



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

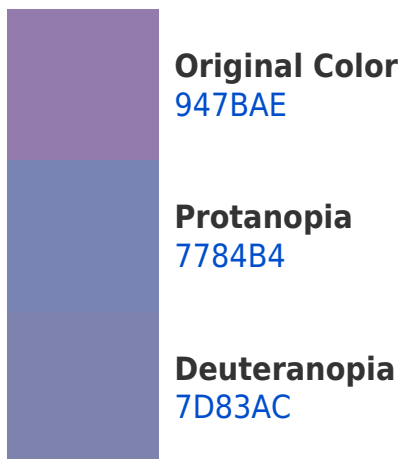



This preview shows how white text looks on a background with the Hex color 947BAE.

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](#).

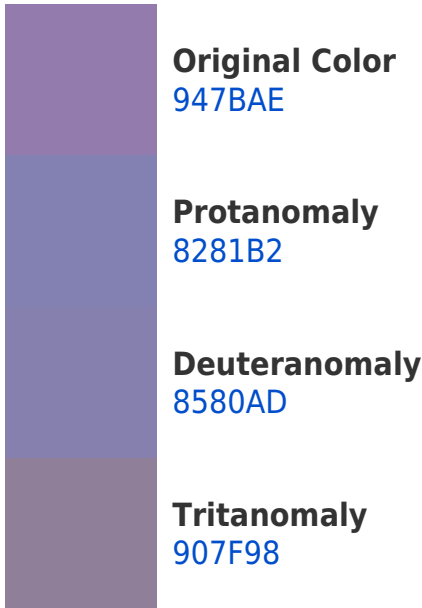
Dichromacy



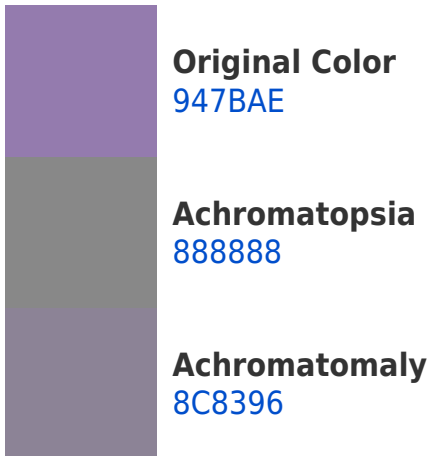


Tritanopia
8E828C

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #947BAE colored shadow looks like.

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

Border

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

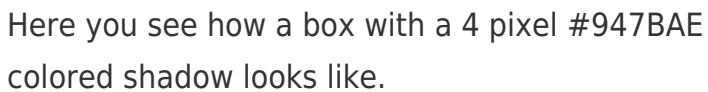
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

Background

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

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

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

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

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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