

# Converting Colors

Hex(967AC3)

Have a look what the booklet for  
Hex(967AC3) contains.

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# **Color**

**Hex(967AC3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	967AC3
RGB	150, 122, 195
RGB Percent	59%, 48%, 76%
CMY	0.4118, 0.5216, 0.2353
CMYK	0.23, 0.37, 0.00, 0.24
HSL	263°, 38%, 62%
HSV	263°, 37%, 76%
XYZ	29.3875, 24.3432, 54.7796
YIQ	138.6940, -6.7450, 28.6390

# Conversions

## Conversions Part 2

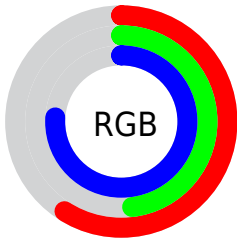
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	150, 122, 195
Decimal	9861827
CIE <sub>Lab</sub>	56.43, 25.90, -34.19
CIE <sub>LCh</sub>	56, 42.893, 307.148
Yxy	24.3432, 0.2708, 0.2243
Android (android.graphics.Color)	4288051907 (0xFF967AC3)
YUV	138.6940, 27.7589, 9.9154
Hunter-Lab	49.3389, 19.9764, -31.2909

# Details

The Hex color **967AC3** is a light color, and the websafe version is hex **996699**. A complement of this color would be **A7C37A**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **CDAFFC**, and **61498D** is the 20% darker color. If you saturate the color by 10%, you get **8A67C3**, and if you desaturate by 10%, it is **A28EC3**.

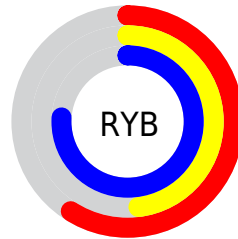
# Distribution



Red (59%)

Green (48%)

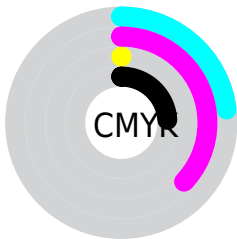
Blue (76%)



Red (59%)

Yellow (48%)

Blue (76%)

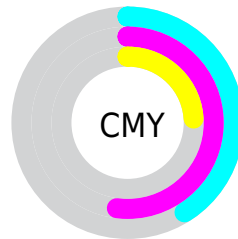


Cyan (23%)

Magenta (37%)

Yellow (0%)

Black (24%)



Cyan (41%)

Magenta (52%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 967AC3 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 967AC3 by changing the saturation by 10% instead.



■ 967AC3

■ 967AC3

FFFFFF

■ 7B61A8

■ CDAFFC

■ 61498D

■ EACAFF

■ 483273

■ FFE6FF

■ 2F1C5A

■ 160642

■ 00002C

■ 000116

■ 000000

■ 967AC3

■ 967AC3

8A67C3

A28EC3

7E53C3

AEA1C3

7240C3

BAB5C3

662CC3

C6C8C3

5A18C3

D2DBC3

4E05C3

DEEFC3

4B00C3

EAFFC3

F6FFC3

FFFFC3

# Harmonies

## Analogous

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



5788D1



967AC3



BC6DA5

# Triad

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



967AC3



B57B42



009A8F

# Complementary

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



967AC3



A7C37A

# 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.



389869



967AC3



95883A

# Square

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



967AC3



C96E5C



6D924A



0099B3

# Rectangle

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



967AC3



CA688C



6D924A



009A82



# Sweetspot

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



967AC3



EBE1FC



7AA7C3



756F80



000000



808080



# Same Dimension

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



967AC3



B68BFC



BA7AC3



5B5761



3E00A1



0D0021



# Inverse Universe

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



C37AA7



FC8BD1



83C37A



61575D



A10063

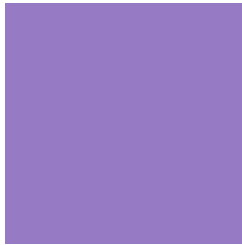


210014



# Previews

## White Background



This preview shows how the Hex color 967AC3 looks on a white background.

## Color Contrast Check

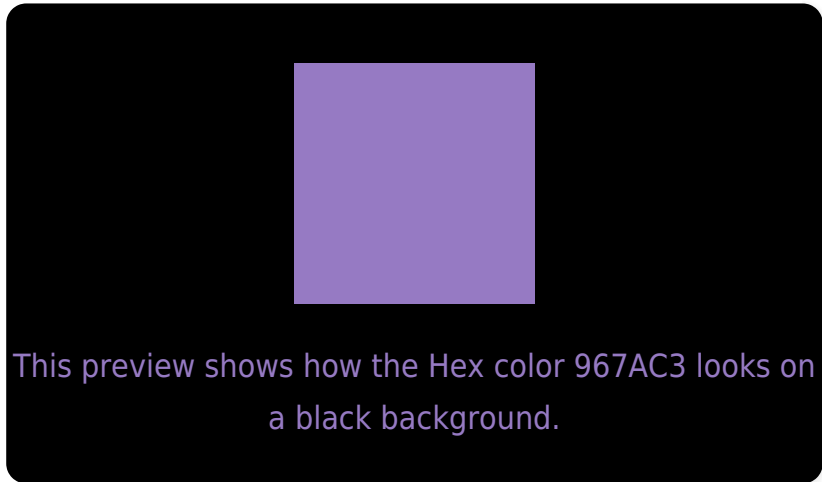
Large Text (above 18pt) WCAG AA ✓ Pass

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

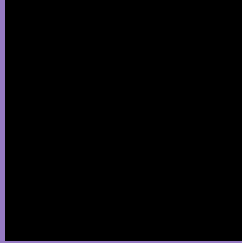
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 967AC3 Background



This preview shows how black text looks on a background with the Hex color 967AC3.

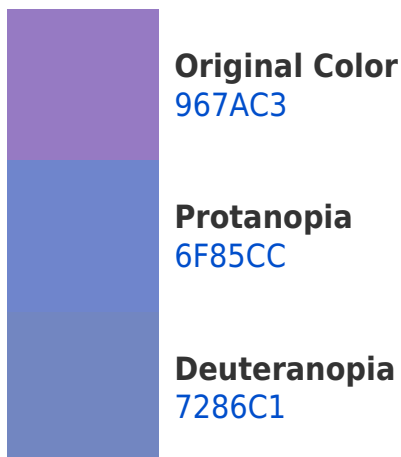



This preview shows how white text looks on a background with the Hex color 967AC3.

# 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**  
8D858F

# Trichromacy



**Original Color**  
967AC3

**Protanomaly**  
7D81C9

**Deuteranomaly**  
7F82C2

**Tritanomaly**  
9081A2

# Monochromacy



**Original Color**  
967AC3

**Achromatopsia**  
8B8B8B

**Achromatomaly**  
8F859F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 967AC3 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 #967AC3 looks like.

```
.text, #text, p{  
    color:#967AC3  
}
```

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 #967AC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #967AC3
}
```

## Border

The CSS property to change the border of an element to Hex 967AC3 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
#967AC3 }
```

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

```
.border{ border-color:#967AC3 }
```

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

Here you see how a box with a 4 pixel #967AC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #967AC3; -webkit-box-shadow:4px 4px  
4px 4px #967AC3; box-shadow:4px 4px 4px  
4px #967AC3 }
```

# Background

The CSS property to change the background color of an element to Hex 967AC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#967AC3 }
```

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

```
.background{ background-color:#967AC3 }
```

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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