

Converting Colors

Hex(9963AC)

Have a look what the booklet for
Hex(9963AC) contains.

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Color

Hex(9963AC)

Conversions

Conversions Part 1

Format	Color
Hex	9963AC
RGB	153, 99, 172
RGB Percent	60%, 39%, 67%
CMY	0.4000, 0.6118, 0.3255
CMYK	0.11, 0.42, 0.00, 0.33
HSL	284°, 31%, 53%
HSV	284°, 42%, 67%
XYZ	25.0451, 18.6745, 41.3143
YIQ	123.4680, 8.7510, 34.1510

Conversions

Conversions Part 2

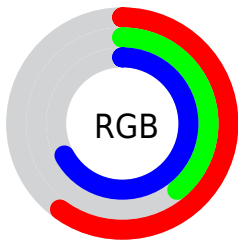
Format	Color
R_{YB}	153, 99, 172
Decimal	10052524
CIE _{Lab}	50.30, 34.76, -30.47
CIE _{LCh}	50, 46.225, 318.757
Yxy	18.6745, 0.2945, 0.2196
Android (android.graphics.Color)	4288242604 (0xFF9963AC)
YUV	123.4680, 23.9263, 25.8996
Hunter-Lab	43.2141, 27.8267, -26.4336

Details

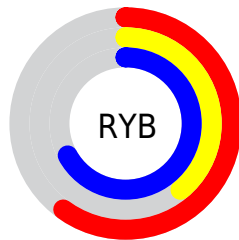
The Hex color **9963AC** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **76AC63**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **D197E4**, and **643277** is the 20% darker color. If you saturate the color by 10%, you get **9552AC**, and if you desaturate by 10%, it is **9D74AC**.

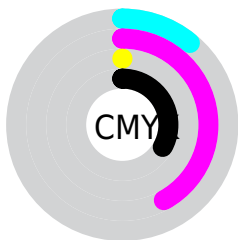
Distribution



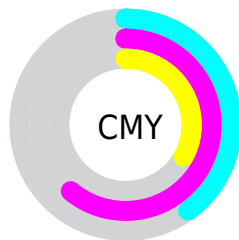
- Red (60%)
- Green (39%)
- Blue (67%)



- Red (60%)
- Yellow (39%)
- Blue (67%)



- Cyan (11%)
- Magenta (42%)
- Yellow (0%)
- Black (33%)



- Cyan (40%)
- Magenta (61%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9963AC 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 9963AC by changing the saturation by 10% instead.

9963AC

9963AC

FFFFFF

7E4A91

D197E4

643277

EDB2FF

4B1A5E

FFCEFF

330146

FFEAFF

200030

00011A

000000

9963AC

9963AC

9552AC

9D74AC

9041AC

A285AC

8C2FAC

A697AC

871EAC

ABA8AC

830DAC

AFB9AC

7F00AC

B4CAAC

B8DBAC

BDEDAC

C1FEAC

Harmonies

Analogous

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



5F73C2



9963AC



B85688

Triad

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



9963AC



9A7027



008B90

Complementary

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



9963AC



76AC63

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.



008A67



9963AC



757D28

Square

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



9963AC



B4613E



478641



0088B2

Rectangle

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



9963AC



C0546E



478641



008B82

Sweetspot

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



9963AC



D9C3E0



6376AC



6C5E70



F0F0F0



707070

Same Dimension

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



9963AC



C36EE0



AC639B



544E57



6F0096



110017

Inverse Universe

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



AC6376



E06E8C



63AC74



574E50



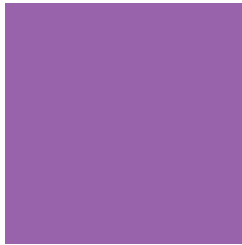
960027



170006

Previews

White Background



This preview shows how the Hex color 9963AC looks on a white background.

Color Contrast Check

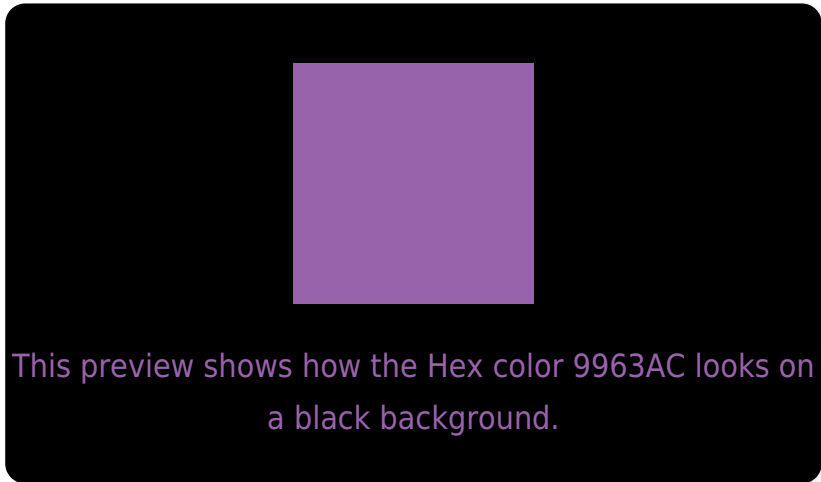
Large Text (above 18pt) WCAG AA ✓ Pass

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

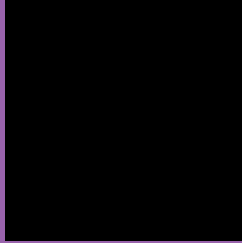
Any Text WCAG AA ✓ Pass

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 9963AC Background



This preview shows how black text looks on a background with the Hex color 9963AC.

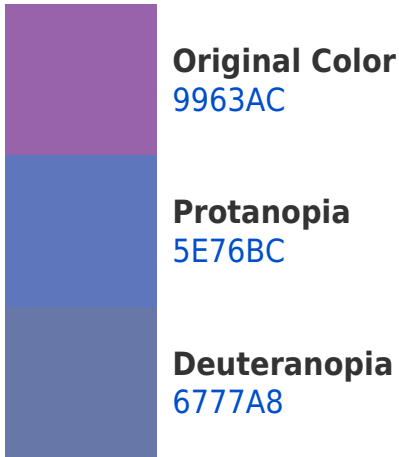


This preview shows how white text looks on a background with the Hex color 9963AC.

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](#).

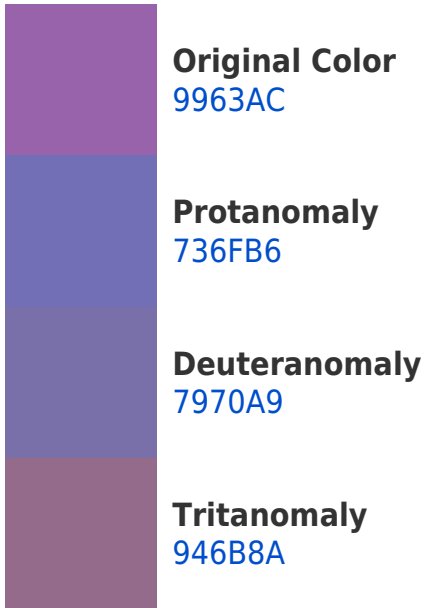
Dichromacy



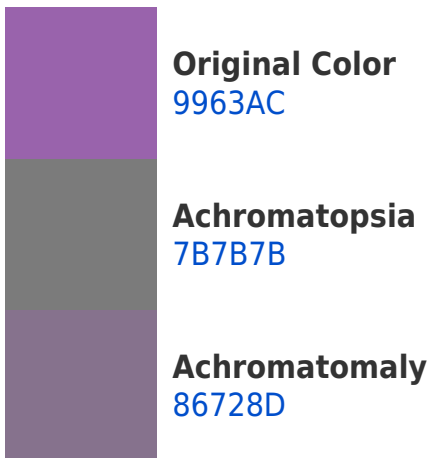


Tritanopia
916F77

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9963AC 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 #9963AC looks like.

```
.text, #text, p{  
    color:#9963AC  
}
```

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 #9963AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9963AC
}
```

Border

The CSS property to change the border of an element to Hex 9963AC is called "border". The border property can be set on classes, ids or directly on the HTML element.

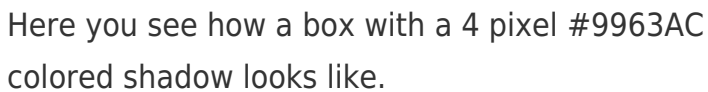
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9963AC }
```

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

```
.border{ border-color:#9963AC }
```

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



Here you see how a box with a 4 pixel #9963AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9963AC; -webkit-box-shadow:4px 4px  
4px 4px #9963AC; box-shadow:4px 4px 4px  
4px #9963AC }
```

Background

The CSS property to change the background color of an element to Hex 9963AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9963AC }
```

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

```
.background{ background-color:#9963AC }
```

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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