

# Converting Colors

Hex(9963A2)

Have a look what the booklet for  
Hex(9963A2) contains.

<b>Hex(9963A2)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(9963A2)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9963A2
RGB	153, 99, 162
RGB Percent	60%, 39%, 64%
CMY	0.4000, 0.6118, 0.3647
CMYK	0.06, 0.39, 0.00, 0.36
HSL	291°, 25%, 51%
HSV	291°, 39%, 64%
XYZ	24.1203, 18.3046, 36.4443
YIQ	122.3280, 11.9610, 31.0410

# Conversions

## Conversions Part 2

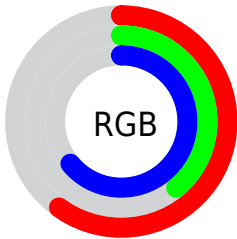
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	153, 99, 162
Decimal	10052514
CIE <sub>Lab</sub>	49.86, 32.66, -25.31
CIE <sub>LCh</sub>	50, 41.318, 322.233
Yxy	18.3046, 0.3058, 0.2321
Android (android.graphics.Color)	4288242594 (0xFF9963A2)
YUV	122.3280, 19.5583, 26.8993
Hunter-Lab	42.7839, 25.7612, -20.5558

# Details

The Hex color **9963A2** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **6CA263**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **D097D9**, and **65326E** is the 20% darker color. If you saturate the color by 10%, you get **9753A2**, and if you desaturate by 10%, it is **9B73A2**.

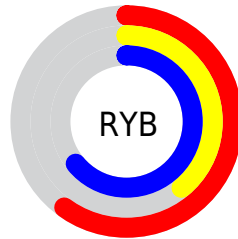
# Distribution



Red (60%)

Green (39%)

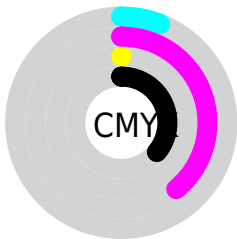
Blue (64%)



Red (60%)

Yellow (39%)

Blue (64%)

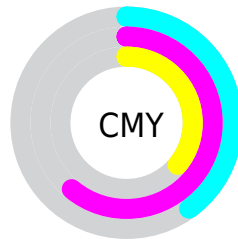


Cyan (6%)

Magenta (39%)

Yellow (0%)

Black (36%)



Cyan (40%)

Magenta (61%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9963A2 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 9963A2 by changing the saturation by 10% instead.



9963A2

9963A2

FFFFFF

7E4A88

D097D9

65326E

EDB2F6

4C1B55

FFCEFF

33023E

FFEAFF

210028

000111

000000

9963A2

9963A2

9753A2

9B73A2

9443A2

9E83A2

9232A2

A094A2

9022A2

A2A4A2

8D12A2

A5B4A2

8B02A2

A7C4A2

8B00A2

A9D4A2

ACE5A2

AEF5A2

# Harmonies

## Analogous

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



6A71B8



9963A2



B35981

# Triad

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



9963A2



93722F



008890

# Complementary

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



9963A2



6CA263

# 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.



00886C



9963A2



717D32

# Square

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



9963A2



AC6440



47844A



0085AD

# Rectangle

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



9963A2



B8586A



47844A



008884



# Sweetspot

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



9963A2



D0BAD4



636CA2



695C6B



EBEBEB



6B6B6B



# Same Dimension

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



9963A2



C570D4



A2638C



504952



7D0091



0F0012



# Inverse Universe

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



A2636C



D4707E



63A279



52494B



910015

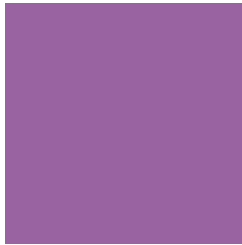


120003



# Previews

## White Background



This preview shows how the Hex color 9963A2 looks on a white background.

## Color Contrast Check

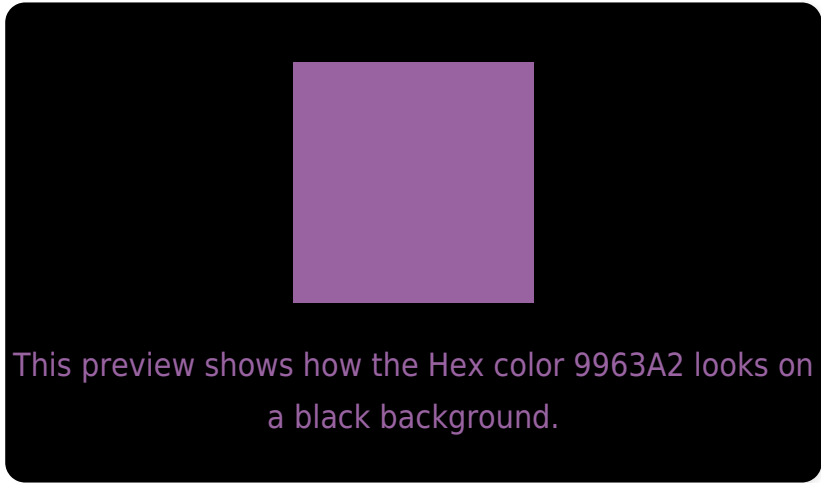
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

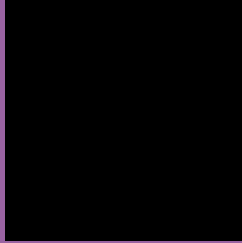
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9963A2 Background



This preview shows how black text looks on a background with the Hex color 9963A2.




This preview shows how white text looks on a background with the Hex color 9963A2.

# 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](#).

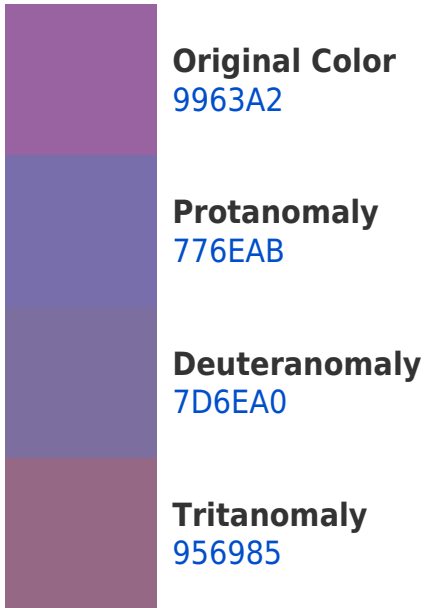
## Dichromacy



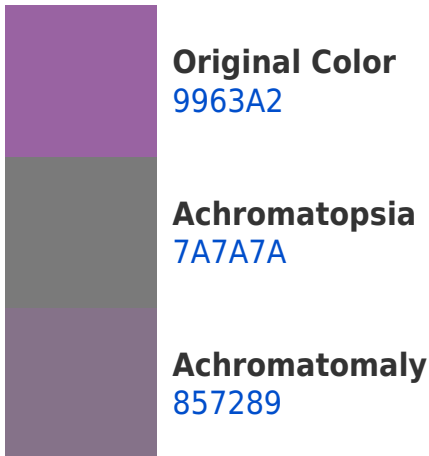


**Tritanopia**  
936D75

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9963A2 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 #9963A2 looks like.

```
.text, #text, p{  
    color:#9963A2  
}
```

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 #9963A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9963A2
}
```

## Border

The CSS property to change the border of an element to Hex 9963A2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

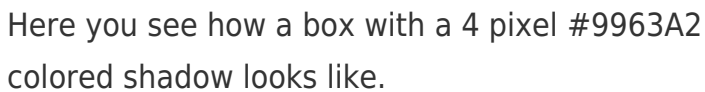
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9963A2 }
```

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

```
.border{ border-color:#9963A2 }
```

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



Here you see how a box with a 4 pixel #9963A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9963A2; -webkit-box-shadow:4px 4px  
4px 4px #9963A2; box-shadow:4px 4px 4px  
4px #9963A2 }
```

# Background

The CSS property to change the background color of an element to Hex 9963A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9963A2 }
```

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

```
.background{ background-color:#9963A2 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor