

# Converting Colors

Hex(7950A3)

Have a look what the booklet for  
Hex(7950A3) contains.

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# Color

**Hex(7950A3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7950A3
RGB	121, 80, 163
RGB Percent	47%, 31%, 64%
CMY	0.5255, 0.6863, 0.3608
CMYK	0.26, 0.51, 0.00, 0.36
HSL	270°, 34%, 48%
HSV	270°, 51%, 64%
XYZ	17.3647, 12.4466, 36.1375
YIQ	101.7210, -2.2070, 34.5050

# Conversions

## Conversions Part 2

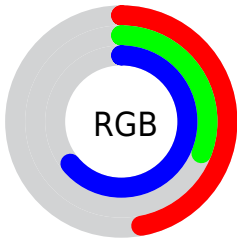
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	121, 80, 163
Decimal	7950499
CIE <sub>Lab</sub>	41.92, 34.07, -38.61
CIE <sub>LCh</sub>	42, 51.496, 311.422
Yxy	12.4466, 0.2633, 0.1887
Android (android.graphics.Color)	4286140579 (0xFF7950A3)
YUV	101.7210, 30.2105, 16.9077
Hunter-Lab	35.2798, 26.1180, -36.0357

# Details

The Hex color **7950A3** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **7AA350**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **AF82DA**, and **45216F** is the 20% darker color. If you saturate the color by 10%, you get **7140A3**, and if you desaturate by 10%, it is **8160A3**.

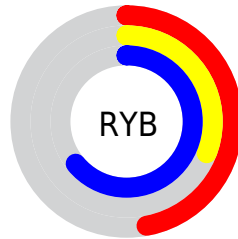
# Distribution



Red (47%)

Green (31%)

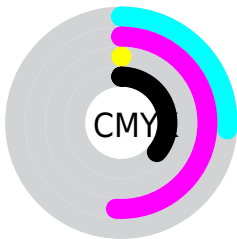
Blue (64%)



Red (47%)

Yellow (31%)

Blue (64%)

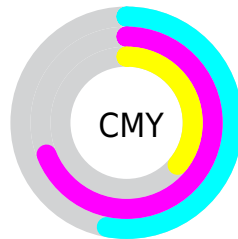


Cyan (26%)

Magenta (51%)

Yellow (0%)

Black (36%)



Cyan (53%)

Magenta (69%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7950A3 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 7950A3 by changing the saturation by 10% instead.



7950A3

7950A3

FFFFFF

5F3888

AF82DA

45216F

CB9DF7

2C0956

E8B8FF

16003E

FFD4FF

000327

FFF0FF

000111

000000

7950A3

7950A3

7140A3

8160A3

692FA3

8971A3

601FA3

9281A3

580FA3

9A91A3

5100A3

A2A2A3

AAB2A3

B3C2A3

BBD2A3

C3E3A3

# Harmonies

## Analogous

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



1A62B7



7950A3



A13D7F

# Triad

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



7950A3



8C5706



007672

# Complementary

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



7950A3



7AA350

# 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.



007546



7950A3



686600

# Square

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



7950A3



A6442D



38701C



00759A

# Rectangle

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



7950A3



AD3763



38701C



007664



# Sweetspot

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



7950A3



C4B4D4



507BA3



61586B



EBEBEB



6B6B6B



# Same Dimension

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



7950A3



9253D4



A250A3



4D4952



480091



090012



# Inverse Universe

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



A3507A



D45394



51A350



52494E



91004A

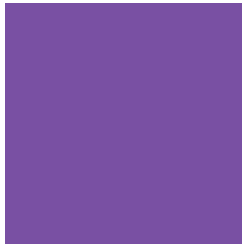


120009



# Previews

## White Background



This preview shows how the Hex color 7950A3 looks on a white background.

## Color Contrast Check

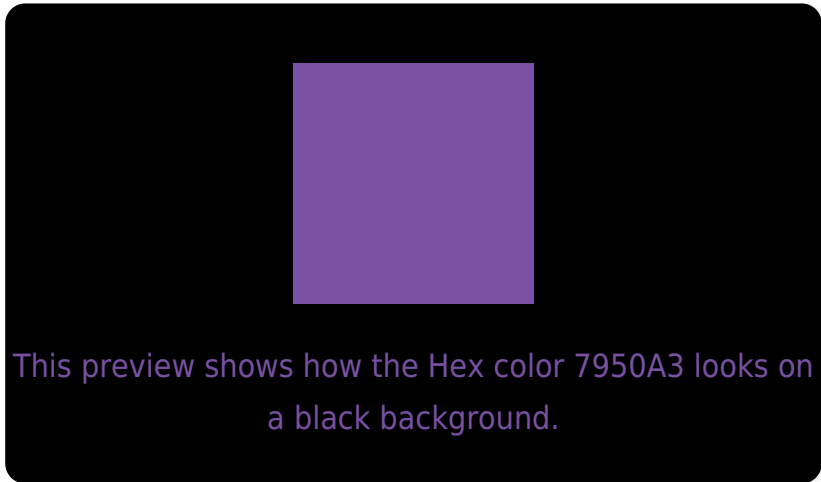
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

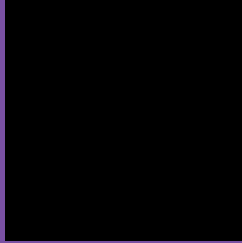
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7950A3 Background



This preview shows how black text looks on a background with the Hex color 7950A3.

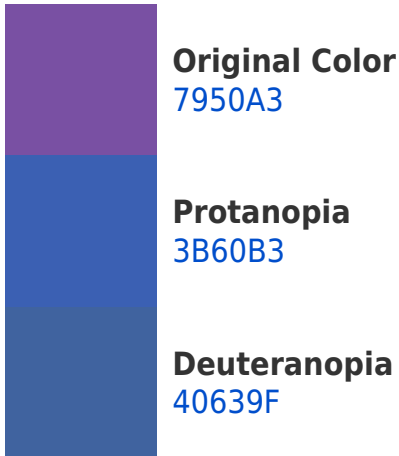


This preview shows how white text looks on a background with the Hex color 7950A3.

# 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](#).

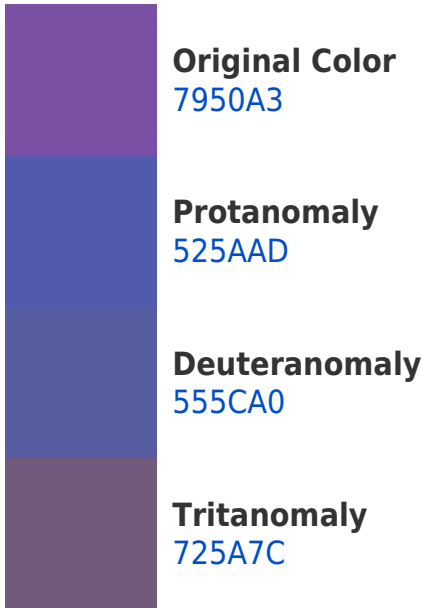
## Dichromacy





**Tritanopia**  
6E5F66

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7950A3 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 #7950A3 looks like.

```
.text, #text, p{  
    color:#7950A3  
}
```

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 #7950A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7950A3
}
```

## Border

The CSS property to change the border of an element to Hex 7950A3 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
#7950A3 }
```

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

```
.border{ border-color:#7950A3 }
```

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

Here you see how a box with a 4 pixel #7950A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7950A3; -webkit-box-shadow:4px 4px  
4px 4px #7950A3; box-shadow:4px 4px 4px  
4px #7950A3 }
```

# Background

The CSS property to change the background color of an element to Hex 7950A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7950A3 }
```

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

```
.background{ background-color:#7950A3 }
```

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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