

# Converting Colors

Hex(7929A3)

Have a look what the booklet for  
Hex(7929A3) contains.

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# Color

**Hex(7929A3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7929A3
RGB	121, 41, 163
RGB Percent	47%, 16%, 64%
CMY	0.5255, 0.8392, 0.3608
CMYK	0.26, 0.75, 0.00, 0.36
HSL	279°, 60%, 40%
HSV	279°, 75%, 64%
XYZ	15.2890, 8.2952, 35.4456
YIQ	78.8280, 8.5180, 54.9020

# Conversions

## Conversions Part 2

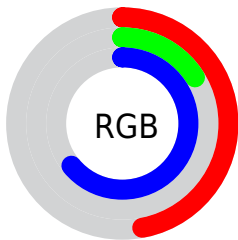
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	121, 41, 163
Decimal	7940515
CIE <sub>Lab</sub>	34.59, 53.86, -50.36
CIE <sub>LCh</sub>	35, 73.738, 316.927
Yxy	8.2952, 0.2590, 0.1405
Android (android.graphics.Color)	4286130595 (0xFF7929A3)
YUV	78.8280, 41.4968, 36.9848
Hunter-Lab	28.8013, 44.3530, -52.8069

# Details

The Hex color **7929A3** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **53A329**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **B15EDB**, and **42006E** is the 20% darker color. If you saturate the color by 10%, you get **7319A3**, and if you desaturate by 10%, it is **7F39A3**.

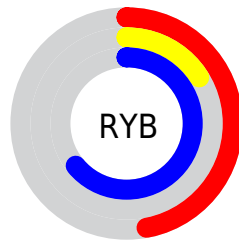
# Distribution



Red (47%)

Green (16%)

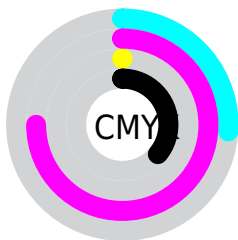
Blue (64%)



Red (47%)

Yellow (16%)

Blue (64%)

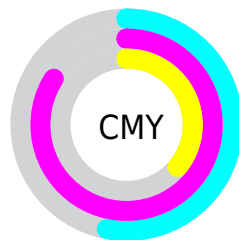


Cyan (26%)

Magenta (75%)

Yellow (0%)

Black (36%)



Cyan (53%)

Magenta (84%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7929A3 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 7929A3 by changing the saturation by 10% instead.



 7929A3

 7929A3

FFFFFF

 5E0688

 B15EDB

 42006E

 CE79F8

 270055

 EB94FF

 07003D

 FFB0FF

 000326

 FFC0FF

 00010F

 FFE9FF

 000000

 7929A3

 7929A3

 7319A3

 7F39A3

6E08A3

844AA3

6B00A3

8A5AA3

8F6AA3

957AA3

9B8BA3

A09BA3

A6ABA3

ACBCA3

# Harmonies

## Analogous

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



004EC4



7929A3



A9006E

# Triad

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



7929A3



794500



006872

# Complementary

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



7929A3



53A329

# 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.



006734



7929A3



455900

# Square

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



7929A3



9F1E00



006200



0067A8

# Rectangle

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



7929A3



B30047



006200



00685E



# Sweetspot

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



7929A3



C4A5D4



2954A3



624F6B



EBEBEB



6B6B6B



# Same Dimension

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



7929A3



9215D4



A32991



4F4952



5F0091



0C0012



# Inverse Universe

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



A32953



D41557



29A33B



52494C



910032



120006



# Previews

## White Background



This preview shows how the Hex color 7929A3 looks on a white background.

## Color Contrast Check

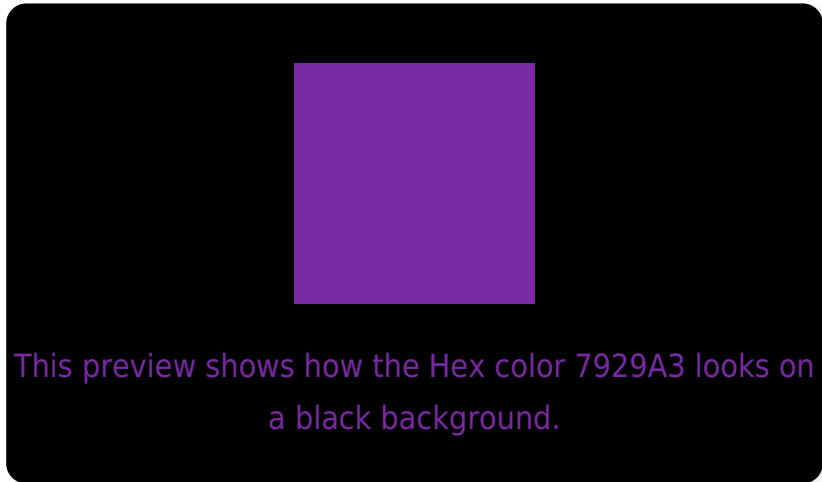
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

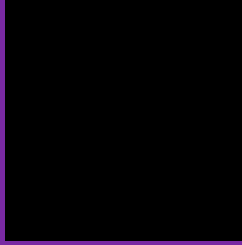
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7929A3 Background



This preview shows how black text looks on a background with the Hex color 7929A3.

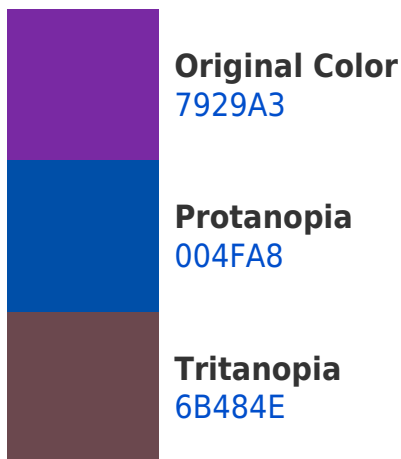


This preview shows how white text looks on a background with the Hex color 7929A3.

# 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



# Trichromacy



**Original Color**  
7929A3

**Protanomaly**  
2C41A6

**Tritanomaly**  
703D6D

# Monochromacy



**Original Color**  
7929A3

**Achromatopsia**  
4F4F4F

**Achromatomaly**  
5E416E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7929A3 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 #7929A3 looks like.

```
.text, #text, p{  
    color:#7929A3  
}
```

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 #7929A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7929A3
}
```

## Border

The CSS property to change the border of an element to Hex 7929A3 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
#7929A3 }
```

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

```
.border{ border-color:#7929A3 }
```

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

Here you see how a box with a 4 pixel #7929A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7929A3; -webkit-box-shadow:4px 4px  
4px 4px #7929A3; box-shadow:4px 4px 4px  
4px #7929A3 }
```

# Background

The CSS property to change the background color of an element to Hex 7929A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7929A3 }
```

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

```
.background{ background-color:#7929A3 }
```

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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