

# Converting Colors

Hex(791EA0)

Have a look what the booklet for  
Hex(791EA0) contains.

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# Color

**Hex(791EA0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	791EA0
RGB	121, 30, 160
RGB Percent	47%, 12%, 63%
CMY	0.5255, 0.8824, 0.3725
CMYK	0.24, 0.81, 0.00, 0.37
HSL	282°, 68%, 37%
HSV	282°, 81%, 63%
XYZ	14.6946, 7.5316, 33.9370
YIQ	72.0290, 12.5060, 59.7220

# Conversions

## Conversions Part 2

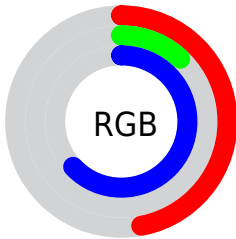
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	121, 30, 160
Decimal	7937696
CIE <sub>Lab</sub>	32.99, 57.20, -51.14
CIE <sub>LCh</sub>	33, 76.730, 318.202
Yxy	7.5316, 0.2616, 0.1341
Android (android.graphics.Color)	4286127776 (0xFF791EA0)
YUV	72.0290, 43.3697, 42.9476
Hunter-Lab	27.4437, 47.5505, -54.1076

# Details

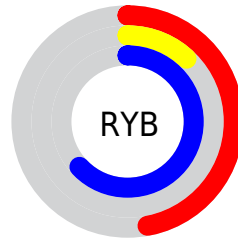
The Hex color **791EA0** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **45A01E**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **B156D8**, and **42006B** is the 20% darker color. If you saturate the color by 10%, you get **740EA0**, and if you desaturate by 10%, it is **7E2EA0**.

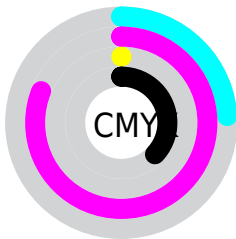
# Distribution



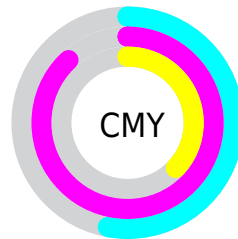
- Red (47%)
- Green (12%)
- Blue (63%)



- Red (47%)
- Yellow (12%)
- Blue (63%)



- Cyan (24%)
- Magenta (81%)
- Yellow (0%)
- Black (37%)



- Cyan (53%)
- Magenta (88%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 791EA0 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 791EA0 by changing the saturation by 10% instead.



791EA0

791EA0

FFFFFF

5E0085

B156D8

42006B

CE71F4

280052

EC8DFF

04003A

FFA8FF

000224

FFC4FF

00000B

FFE1FF

000000

791EA0

791EA0

740EA0

7E2EA0

7000A0

833EA0

874EA0

8C5EA0

916EA0

967EA0

9B8EA0

9F9EA0

A4AEA0

# Harmonies

## Analogous

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



0049C4



791EA0



A80068

# Triad

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



791EA0



734200



006572

# Complementary

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



791EA0



45A01E

# 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.



006332



791EA0



3C5600

# Square

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



791EA0



9B1700



005F00



0064A9

# Rectangle

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



791EA0



B10040



005F00



00645D



# Sweetspot

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



791EA0



C29FD1



1E45A0



5F4A69



E8E8E8



696969



# Same Dimension

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



791EA0



9404D1



A01E86



4D474F



64008F



0B000F



# Inverse Universe

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



A01E45



D10442



1EA038



4F474A



8F002B

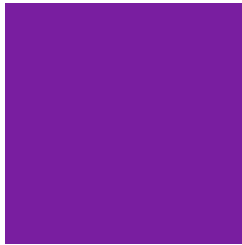


0F0005



# Previews

## White Background



This preview shows how the Hex color 791EA0 looks on a white background.

## Color Contrast Check

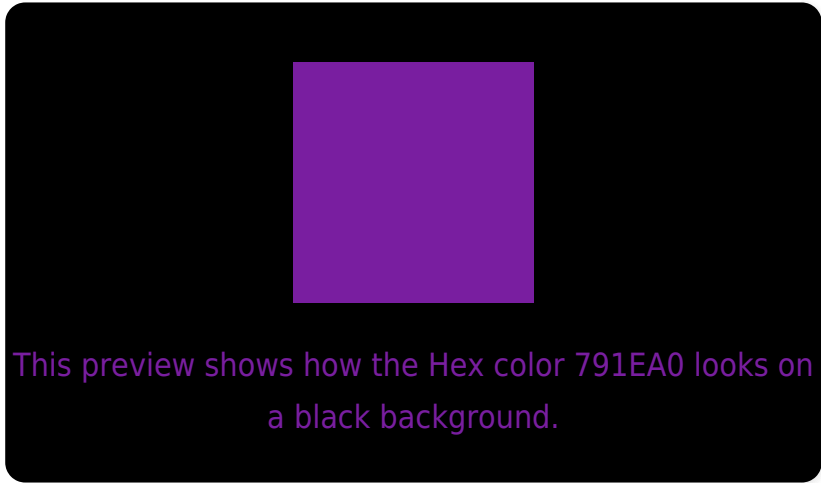
Large Text (above 18pt) WCAG AA ✓ Pass

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

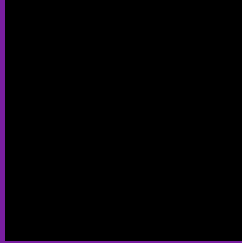
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 791EA0 Background



This preview shows how black text looks on a background with the Hex color 791EA0.

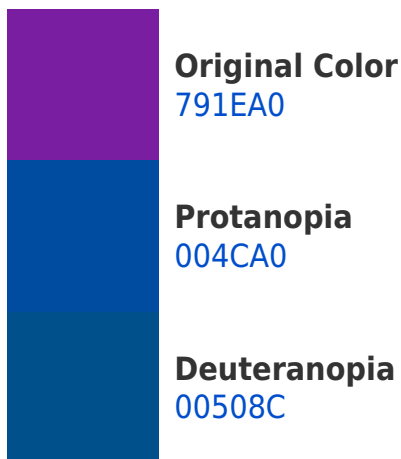



This preview shows how white text looks on a background with the Hex color 791EA0.

# 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](#).

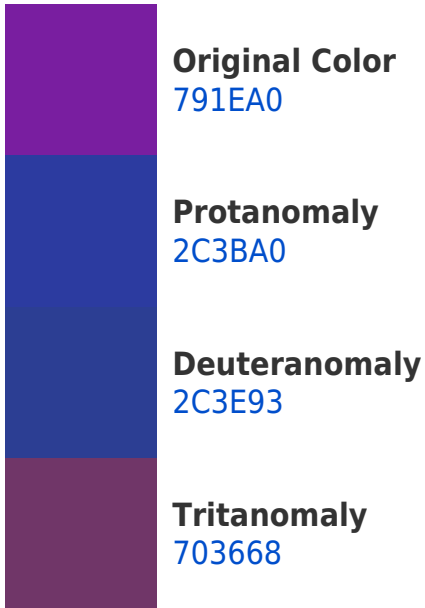
## Dichromacy



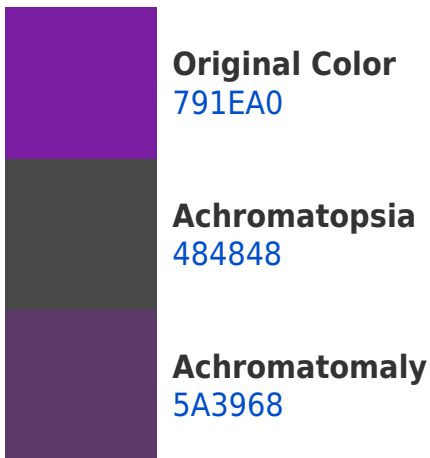


**Tritanopia**  
6B4348

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 791EA0 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 #791EA0 looks like.

```
.text, #text, p{
  color:#791EA0
}
```

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 #791EA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #791EA0
}
```

## Border

The CSS property to change the border of an element to Hex 791EA0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

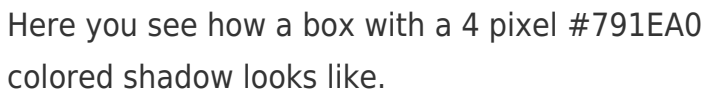
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#791EA0 }
```

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

```
.border{ border-color:#791EA0 }
```

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



Here you see how a box with a 4 pixel #791EA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #791EA0; -webkit-box-shadow:4px 4px  
4px 4px #791EA0; box-shadow:4px 4px 4px  
4px #791EA0 }
```

# Background

The CSS property to change the background color of an element to Hex 791EA0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#791EA0 }
```

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

```
.background{ background-color:#791EA0 }
```

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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