

# Converting Colors

Hex(794EA1)

Have a look what the booklet for  
Hex(794EA1) contains.

<b>Hex(794EA1)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(794EA1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	794EA1
RGB	121, 78, 161
RGB Percent	47%, 31%, 63%
CMY	0.5255, 0.6941, 0.3686
CMYK	0.25, 0.52, 0.00, 0.37
HSL	271°, 35%, 47%
HSV	271°, 52%, 63%
XYZ	17.0426, 12.0869, 35.1530
YIQ	100.3190, -1.0150, 34.9290

# Conversions

## Conversions Part 2

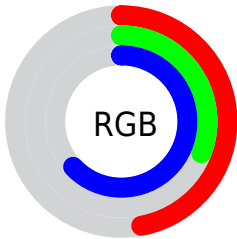
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	121, 78, 161
Decimal	7949985
CIE <sub>Lab</sub>	41.35, 34.73, -38.32
CIE <sub>LCh</sub>	41, 51.716, 312.191
Yxy	12.0869, 0.2651, 0.1880
Android (android.graphics.Color)	4286140065 (0xFF794EA1)
YUV	100.3190, 29.9157, 18.1372
Hunter-Lab	34.7663, 26.6605, -35.6131

# Details

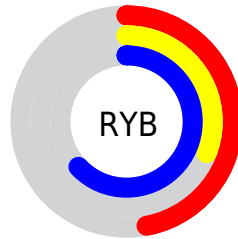
The Hex color **794EA1** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **76A14E**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **AF80D8**, and **451F6D** is the 20% darker color. If you saturate the color by 10%, you get **713EA1**, and if you desaturate by 10%, it is **815EA1**.

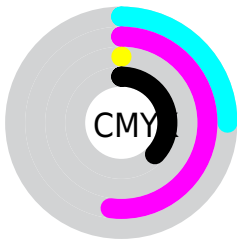
# Distribution



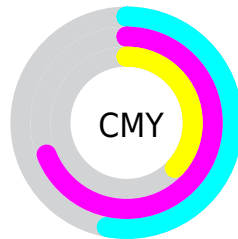
- Red (47%)
- Green (31%)
- Blue (63%)



- Red (47%)
- Yellow (31%)
- Blue (63%)



- Cyan (25%)
- Magenta (52%)
- Yellow (0%)
- Black (37%)



- Cyan (53%)
- Magenta (69%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 794EA1 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 794EA1 by changing the saturation by 10% instead.



794EA1

794EA1

FFFFFF

5F3686

AF80D8

451F6D

CB9BF5

2C0654

E8B6FF

17003D

FFD2FF

000226

FFEEFF

00010E

000000

794EA1

794EA1

713EA1

815EA1

692EA1

896EA1

621EA1

907EA1

5A0EA1

988EA1

5300A1

A09FA1

A8AFA1

AFBFA1

B7CFA1

BFDFA1

# Harmonies

## Analogous

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



1C61B5



794EA1



A03B7D

# Triad

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



794EA1



8A5602



007572

# Complementary

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



794EA1



76A14E

# 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.



007346



794EA1



666500

# Square

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



794EA1



A4432A



356E1C



00749A

# Rectangle

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



794EA1



AC3560



356E1C



007564



# Sweetspot

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



794EA1



C2B2D1



4E76A1



5F5669



E8E8E8



696969



# Same Dimension

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



794EA1



934FD1



A14EA0



4E4952



4B0091



090012



# Inverse Universe

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



A14E76



D14F8E



4EA14F



52494D



910046

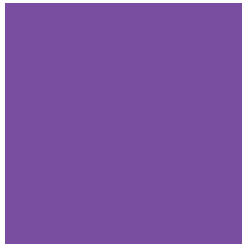


120009



# Previews

## White Background



This preview shows how the Hex color 794EA1 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

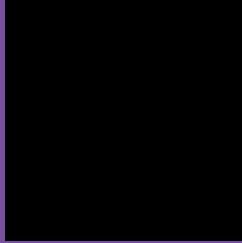
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 794EA1 Background



This preview shows how black text looks on a background with the Hex color 794EA1.

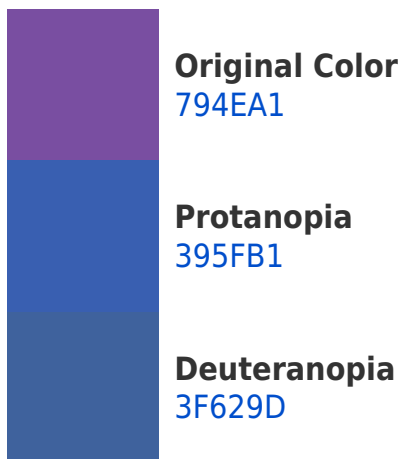


This preview shows how white text looks on a background with the Hex color 794EA1.

# 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](#).

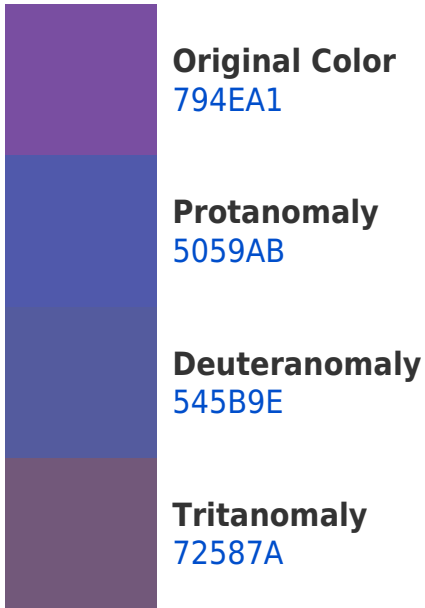
## Dichromacy





**Tritanopia**  
6E5D64

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 794EA1 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 #794EA1 looks like.

```
.text, #text, p{  
    color:#794EA1  
}
```

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 #794EA1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #794EA1
}
```

## Border

The CSS property to change the border of an element to Hex 794EA1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

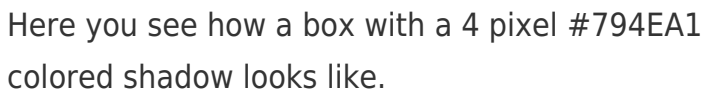
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#794EA1 }
```

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

```
.border{ border-color:#794EA1 }
```

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



Here you see how a box with a 4 pixel #794EA1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #794EA1; -webkit-box-shadow:4px 4px  
4px 4px #794EA1; box-shadow:4px 4px 4px  
4px #794EA1 }
```

# Background

The CSS property to change the background color of an element to Hex 794EA1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#794EA1 }
```

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

```
.background{ background-color:#794EA1 }
```

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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