

# Converting Colors

Hex(793AED)

Have a look what the booklet for  
Hex(793AED) contains.

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**Color**

**Hex(793AED)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	793AED
RGB	121, 58, 237
RGB Percent	47%, 23%, 93%
CMY	0.5255, 0.7725, 0.0706
CMYK	0.49, 0.76, 0.00, 0.07
HSL	261°, 83%, 58%
HSV	261°, 76%, 93%
XYZ	24.6843, 13.2055, 81.3687
YIQ	97.2430, -19.9110, 69.0250

# Conversions

## Conversions Part 2

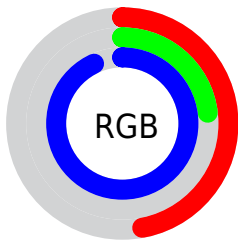
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	121, 58, 237
Decimal	7944941
CIE Lab	43.07, 64.39, -79.65
CIE LCh	43, 102.418, 308.952
Yxy	13.2055, 0.2070, 0.1107
Android (android.graphics.Color)	4286135021 (0xFF793AED)
YUV	97.2430, 68.9002, 20.8349
Hunter-Lab	36.3394, 57.6560, -107.3207

# Details

The Hex color **793AED** is a dark color, and the websafe version is hex **6600CC**. The color can be described as middle washed purple. A complement of this color would be **AEED3A**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **B670FF**, and **3600B4** is the 20% darker color. If you saturate the color by 10%, you get **6A22ED**, and if you desaturate by 10%, it is **8852ED**.

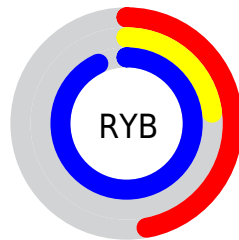
# Distribution



Red (47%)

Green (23%)

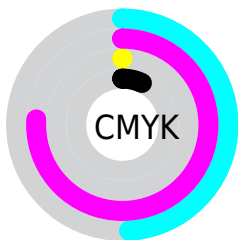
Blue (93%)



Red (47%)

Yellow (23%)

Blue (93%)

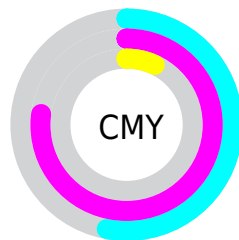


Cyan (49%)

Magenta (76%)

Yellow (0%)

Black (7%)



Cyan (53%)

Magenta (77%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 793AED 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 793AED by changing the saturation by 10% instead.



 793AED

 793AED

FFFFFF

 591DD0

 B670FF

 3600B4

 D58BFF

 000098

 F3A6FF

 00007D


 FFC2FF

 000063

 FFDFFF

 00094A

 FFFDFF

 000432

 00021C

 000000

■ 793AED

■ 793AED

■ 6A22ED

■ 8852ED

■ 5A0BED

■ 9869ED

■ 5300ED

■ A781ED

■ B699ED

■ C6B0ED

■ D5C8ED

■ E5E0ED

■ F4F8ED

■ FFFFED

# Harmonies

## Analogous

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



006CFF



793AED



D600A5

# Triad

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



793AED



AB4800



00847E

# Complementary

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



793AED



AEED3A

# 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.



008120



793AED



666B00

# Square

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



793AED



DC0000



007B00



0085D1

# Rectangle

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



793AED



EC006D



007B00



008361



# Sweetspot

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



793AED



D9C4FF



3AAEED



685C80



000000



808080



# Same Dimension

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



793AED



6917FF



D23AED



6E6A75



4000B5



130036



# Inverse Universe

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



ED3AAE



FF17AD



55ED3A



756A71



B50075

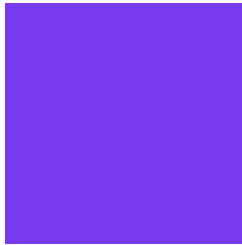


360023



# Previews

## White Background



This preview shows how the Hex color 793AED looks on a white background.

## Color Contrast Check

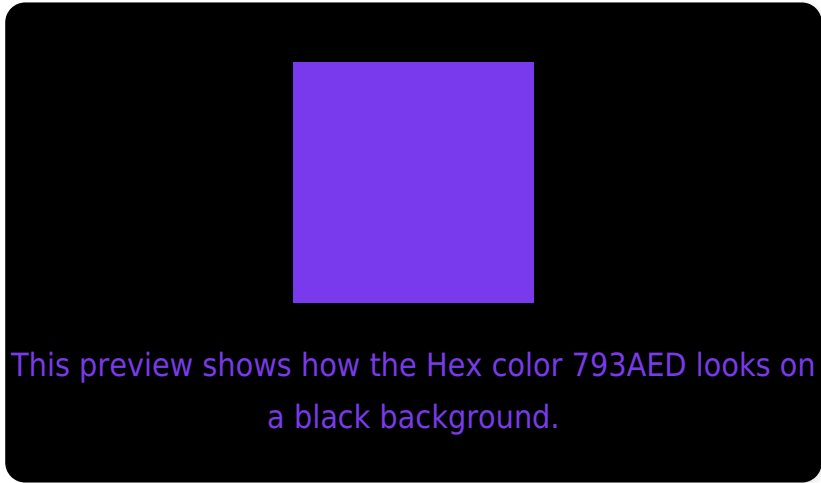
Large Text (above 18pt) WCAG AA ✓ Pass

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

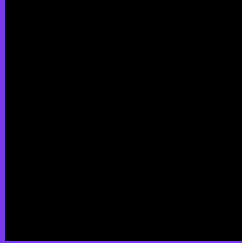
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 793AED Background



This preview shows how black text looks on a background with the Hex color 793AED.

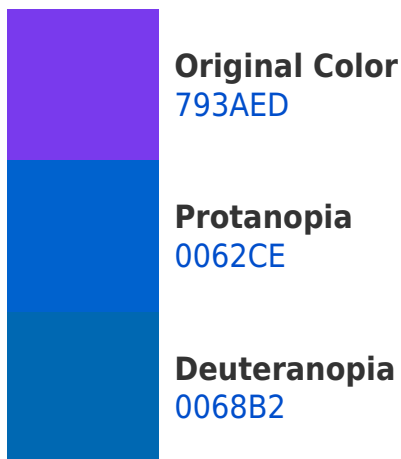


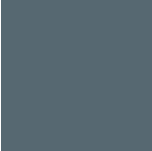
This preview shows how white text looks on a background with the Hex color 793AED.

# 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](#).

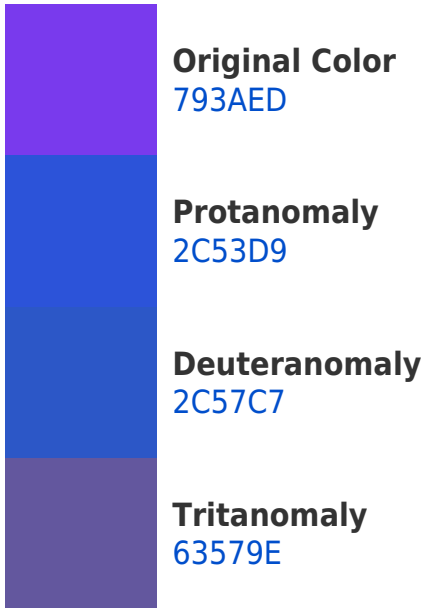
## Dichromacy



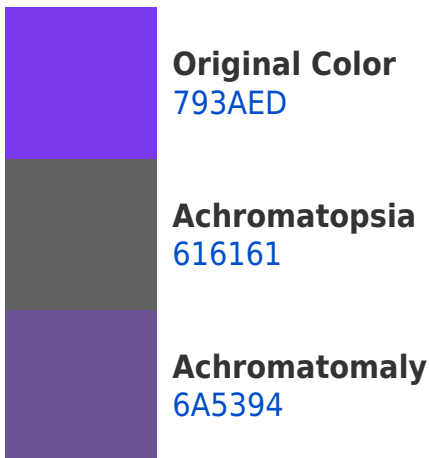


**Tritanopia**  
566871

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 793AED 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 #793AED looks like.

```
.text, #text, p{  
    color:#793AED  
}
```

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 #793AED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #793AED
}
```

## Border

The CSS property to change the border of an element to Hex 793AED 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
#793AED }
```

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

```
.border{ border-color:#793AED }
```

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

Here you see how a box with a 4 pixel #793AED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #793AED; -webkit-box-shadow:4px 4px  
4px 4px #793AED; box-shadow:4px 4px 4px  
4px #793AED }
```

# Background

The CSS property to change the background color of an element to Hex 793AED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#793AED }
```

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

```
.background{ background-color:#793AED }
```

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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