

# Converting Colors

Hex(7643AD)

Have a look what the booklet for  
Hex(7643AD) contains.

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# Color

**Hex(7643AD)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7643AD
RGB	118, 67, 173
RGB Percent	46%, 26%, 68%
CMY	0.5373, 0.7373, 0.3216
CMYK	0.32, 0.61, 0.00, 0.32
HSL	269°, 44%, 47%
HSV	269°, 61%, 68%
XYZ	17.0212, 10.8830, 40.7387
YIQ	94.3330, -3.6300, 43.7780

# Conversions

## Conversions Part 2

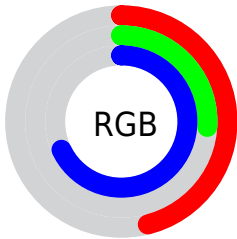
Format	Color
R <sub>Y</sub> B	118, 67, 173
Decimal	7750573
CIE Lab	39.38, 43.11, -48.63
CIE LCh	39, 64.987, 311.558
Yxy	10.8830, 0.2480, 0.1585
Android (android.graphics.Color)	4285940653 (0xFF7643AD)
YUV	94.3330, 38.7828, 20.7560
Hunter-Lab	32.9894, 34.3674, -50.1248

# Details

The Hex color **7643AD** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **7AAD43**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **AD76E5**, and **401178** is the 20% darker color. If you saturate the color by 10%, you get **6D32AD**, and if you desaturate by 10%, it is **7F54AD**.

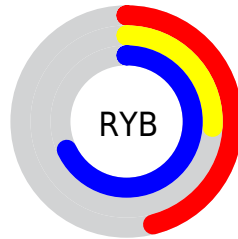
# Distribution



Red (46%)

Green (26%)

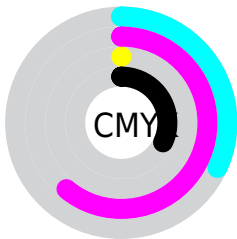
Blue (68%)



Red (46%)

Yellow (26%)

Blue (68%)

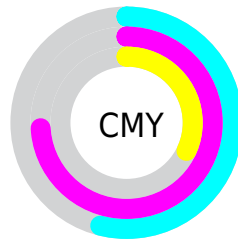


Cyan (32%)

Magenta (61%)

Yellow (0%)

Black (32%)



Cyan (54%)

Magenta (74%)

Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7643AD 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 7643AD by changing the saturation by 10% instead.



7643AD

7643AD

FFFFFF

5B2A92

AD76E5

401178

CA90FF

24005E

E7ABFF

0B0046

FFC7FF

00042F

FFE3FF

000119

000000

7643AD

7643AD

6D32AD

7F54AD

6420AD

8866AD

5B0FAD

9177AD

5300AD

9A88AD

A39AAD

ACABAD

B5BCAD

BECDAD

C7DFAD

# Harmonies

## Analogous

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



005DC6



7643AD



A91E80

# Triad

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



7643AD



8B4E00



007371

# Complementary

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



7643AD



7AAD43

# 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.



007139



7643AD



5F6100

# Square

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



7643AD



AB3117



1A6C00



0072A2

# Rectangle

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



7643AD



B6085C



1A6C00



00735E



# Sweetspot

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



7643AD



CBB8E0



437CAD



635870



F0F0F0



707070



# Same Dimension

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



7643AD



8A3AE0



A943AD



524E57



480096



0B0017



# Inverse Universe

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



AD437A



E03A91



47AD43



574E53



96004E

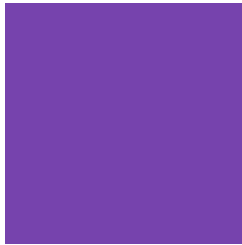


17000C



# Previews

## White Background



This preview shows how the Hex color 7643AD 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 7643AD Background



This preview shows how black text looks on a background with the Hex color 7643AD.

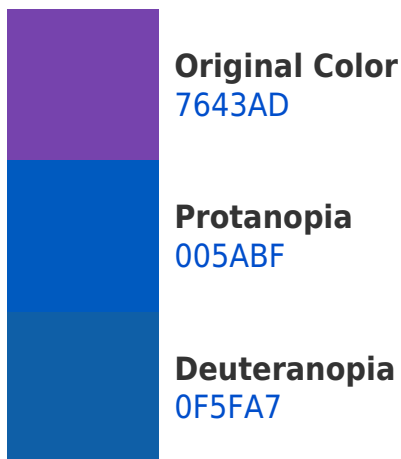


This preview shows how white text looks on a background with the Hex color 7643AD.

# 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**  
675960

# Trichromacy



**Original Color**  
7643AD



**Protanomaly**  
2B52B8



**Deuteranomaly**  
3455A9



**Tritanomaly**  
6C517C

# Monochromacy



**Original Color**  
7643AD



**Achromatopsia**  
5E5E5E



**Achromatomaly**  
67547B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7643AD 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 #7643AD looks like.

```
.text, #text, p{  
    color:#7643AD  
}
```

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 #7643AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7643AD
}
```

## Border

The CSS property to change the border of an element to Hex 7643AD is called "border". The border property can be set on classes, ids or directly on the HTML element.

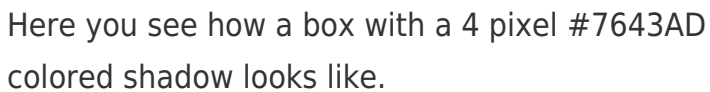
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7643AD }
```

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

```
.border{ border-color:#7643AD }
```

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



Here you see how a box with a 4 pixel #7643AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7643AD; -webkit-box-shadow:4px 4px  
4px 4px #7643AD; box-shadow:4px 4px 4px  
4px #7643AD }
```

# Background

The CSS property to change the background color of an element to Hex 7643AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7643AD }
```

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

```
.background{ background-color:#7643AD }
```

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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