

# Converting Colors

Hex(7936AD)

Have a look what the booklet for  
Hex(7936AD) contains.

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# Color

**Hex(7936AD)**

# Conversions

## Conversions Part 1

| Format      | Color                    |
|-------------|--------------------------|
| Hex         | 7936AD                   |
| RGB         | 121, 54, 173             |
| RGB Percent | 47%, 21%, 68%            |
| CMY         | 0.5255, 0.7882, 0.3216   |
| CMYK        | 0.30, 0.69, 0.00, 0.32   |
| HSL         | 274°, 52%, 45%           |
| HSV         | 274°, 69%, 68%           |
| XYZ         | 16.7471, 9.7204, 40.5287 |
| YIQ         | 87.5990, 1.7330, 51.2130 |

# Conversions

## Conversions Part 2

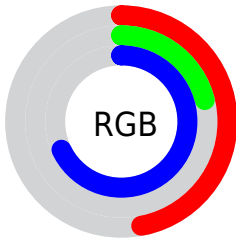
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 121, 54, 173                  |
| Decimal                             | 7943853                       |
| CIE <sub>Lab</sub>                  | 37.34, 50.41, -51.91          |
| CIE <sub>LCh</sub>                  | 37, 72.361, 314.162           |
| Y <sub>xy</sub>                     | 9.7204, 0.2500,<br>0.1451     |
| Android<br>(android.graphics.Color) | 4286133933<br>(0xFF7936AD)    |
| YUV                                 | 87.5990, 42.1027,<br>29.2927  |
| Hunter-Lab                          | 31.1776, 41.3212,<br>-55.2486 |

# Details

The Hex color **7936AD** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **6AAD36**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **B16AE5**, and **420078** is the 20% darker color. If you saturate the color by 10%, you get **7125AD**, and if you desaturate by 10%, it is **8147AD**.

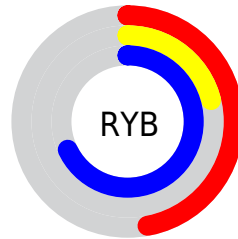
# Distribution



Red (47%)

Green (21%)

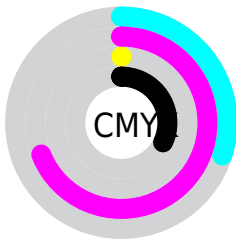
Blue (68%)



Red (47%)

Yellow (21%)

Blue (68%)

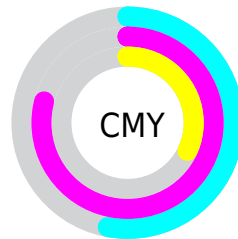


Cyan (30%)

Magenta (69%)

Yellow (0%)

Black (32%)



Cyan (53%)

Magenta (79%)

Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7936AD 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 7936AD by changing the saturation by 10% instead.



 7936AD

 7936AD

FFFFFF

 5E1B92

 B16AE5

 420078

 CE84FF

 26005E

 EB9FFF

 080046

 FFBBFF

 00042E

 FFD7FF

 000119


 FFF4FF

 000000

 7936AD

 7936AD

 7125AD

 8147AD

■ 6A13AD

■ 8859AD

■ 6202AD

■ 906AAD

■ 6100AD

■ 977BAD

■ 9F8DAD

■ A69EAD

■ AEAFFAD

■ B5C0AD

■ BDD2AD

# Harmonies

## Analogous

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



0057CB



7936AD



AD0079

# Triad

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



7936AD



854A00



006F73

# Complementary

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



7936AD



6AAD36

# 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.



006D35



7936AD



535E00

# Square

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



7936AD



A92400



006900



006EA9

# Rectangle

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



7936AD



B90053



006900



006F5F



# Sweetspot

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



7936AD



CCB1E0



366CAD



645470



F0F0F0



707070



# Same Dimension

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



7936AD



8F26E0



AD36A7



534E57



550096



0D0017



# Inverse Universe

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



AD366A



E02678



36AD3C



574E52



960042

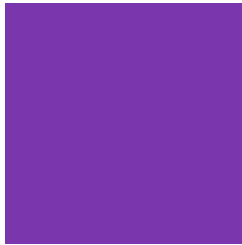


17000A



# Previews

## White Background



This preview shows how the Hex color 7936AD looks on a white background.

## Color Contrast Check

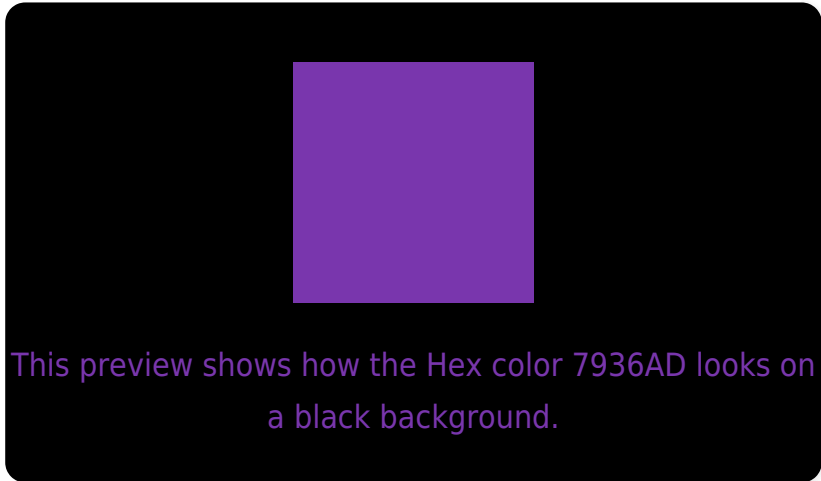
Large Text (above 18pt) WCAG AA ✓ Pass

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

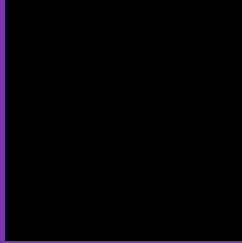
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7936AD Background



This preview shows how black text looks on a background with the Hex color 7936AD.




This preview shows how white text looks on a background with the Hex color 7936AD.

# 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**  
6A5258

# Trichromacy



**Original Color**  
7936AD



**Protanomaly**  
2C4AB1



**Deuteranomaly**  
2C4DA3



**Tritanomaly**  
6F4877

# Monochromacy



**Original Color**  
7936AD



**Achromatopsia**  
585858



**Achromatomaly**  
644C77

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7936AD 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 #7936AD looks like.

```
.text, #text, p{  
    color:#7936AD  
}
```

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 #7936AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7936AD
}
```

## Border

The CSS property to change the border of an element to Hex 7936AD is called "border". The border property can be set on classes, ids or directly on the HTML element.

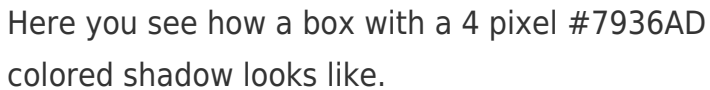
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7936AD }
```

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

```
.border{ border-color:#7936AD }
```

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



Here you see how a box with a 4 pixel #7936AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7936AD; -webkit-box-shadow:4px 4px  
4px 4px #7936AD; box-shadow:4px 4px 4px  
4px #7936AD }
```

# Background

The CSS property to change the background color of an element to Hex 7936AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7936AD }
```

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

```
.background{ background-color:#7936AD }
```

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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