

# Converting Colors

Hex(7A51AE)

Have a look what the booklet for  
Hex(7A51AE) contains.

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# Color

**Hex(7A51AE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7A51AE
RGB	122, 81, 174
RGB Percent	48%, 32%, 68%
CMY	0.5216, 0.6824, 0.3176
CMYK	0.30, 0.53, 0.00, 0.32
HSL	266°, 36%, 50%
HSV	266°, 53%, 68%
XYZ	18.6085, 13.0784, 41.5880
YIQ	103.8610, -5.4170, 37.6150

# Conversions

## Conversions Part 2

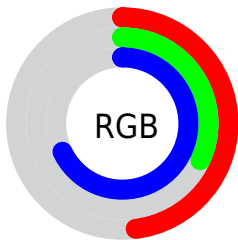
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">122, 81, 174</a>
Decimal	<a href="#">8016302</a>
CIELab	<a href="#">42.88, 36.53, -43.59</a>
CIELCh	<a href="#">43, 56.876, 309.966</a>
Yxy	<a href="#">13.0784, 0.2540, 0.1785</a>
Android (android.graphics.Color)	<a href="#">4286206382 (0xFF7A51AE)</a>
YUV	<a href="#">103.8610, 34.5785, 15.9079</a>
Hunter-Lab	<a href="#">36.1641, 28.5610, -42.8675</a>

# Details

The Hex color **7A51AE** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **85AE51**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **B184E6**, and **452279** is the 20% darker color. If you saturate the color by 10%, you get **7040AE**, and if you desaturate by 10%, it is **8462AE**.

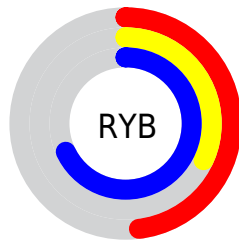
# Distribution



Red (48%)

Green (32%)

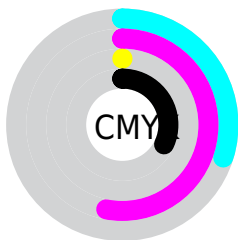
Blue (68%)



Red (48%)

Yellow (32%)

Blue (68%)

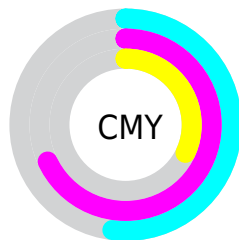


Cyan (30%)

Magenta (53%)

Yellow (0%)

Black (32%)



Cyan (52%)

Magenta (68%)

Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A51AE 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 7A51AE by changing the saturation by 10% instead.



7A51AE

7A51AE

FFFFFF

5F3993

B184E6

452279

CD9EFF

2B0960

EAB9FF

110047

FFD5FF

000030

FFF2FF

00011A

000000

7A51AE

7A51AE

7040AE

8462AE

672EAE

8D74AE

5D1DAE

9785AE

530BAE

A197AE

4D00AE

ABA8AE

B4B9AE

BECBAE

C8DCAE

D2EEAE

# Harmonies

## Analogous

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



0066C3



7A51AE



A83A87

# Triad

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



7A51AE



945700



007A74

# Complementary

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



7A51AE



85AE51

# 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.



007843



7A51AE



6C6800

# Square

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



7A51AE



AF412B



377311



0079A1

# Rectangle

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



7A51AE



B63167



377311



007A64



# Sweetspot

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



7A51AE



CFBFE3



5186AE



675D73



F2F2F2



737373



# Same Dimension

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



7A51AE



9252E3



A851AE



524E57



420096



0A0017



# Inverse Universe

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



AE5185



E352A3



57AE51



574E53



960054

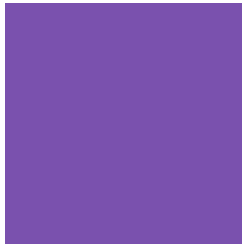


17000D



# Previews

## White Background



This preview shows how the Hex color 7A51AE looks on a white background.

## Color Contrast Check

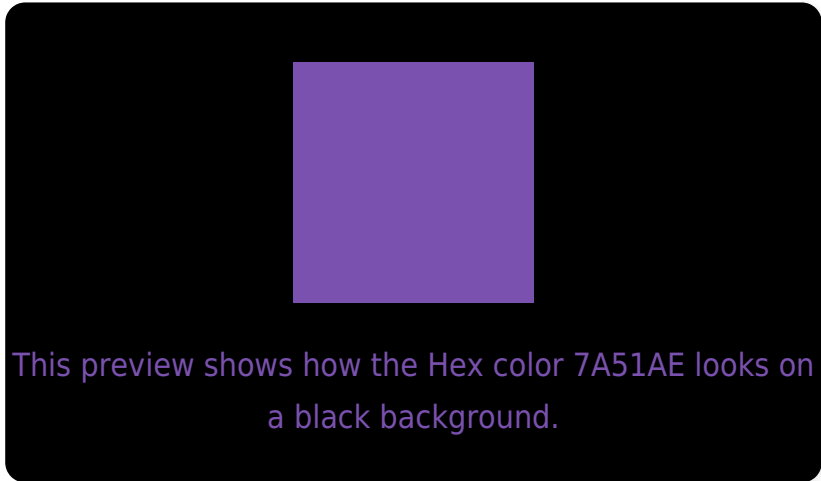
Large Text (above 18pt) WCAG AA ✓ Pass

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

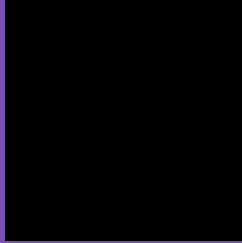
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7A51AE Background



This preview shows how black text looks on a background with the Hex color 7A51AE.

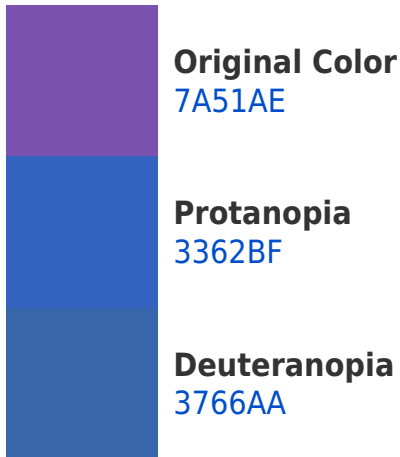


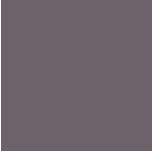
This preview shows how white text looks on a background with the Hex color 7A51AE.

# 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](#).

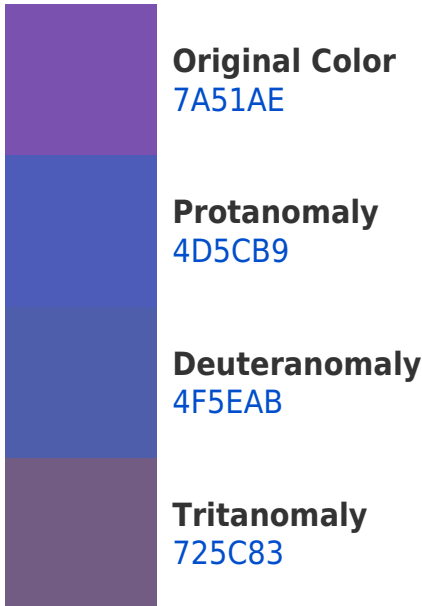
## Dichromacy



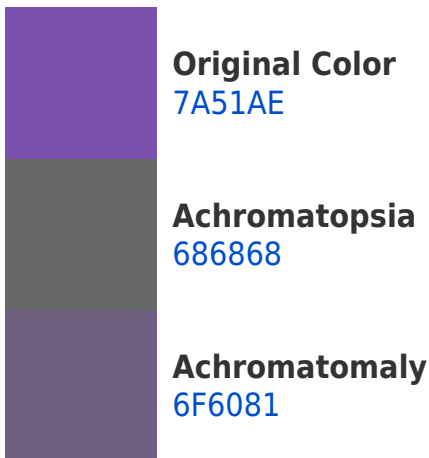


**Tritanopia**  
6D626A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A51AE 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 #7A51AE looks like.

```
.text, #text, p{  
    color:#7A51AE  
}
```

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 #7A51AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A51AE
}
```

## Border

The CSS property to change the border of an element to Hex 7A51AE is called "border". The border property can be set on classes, ids or directly on the HTML element.

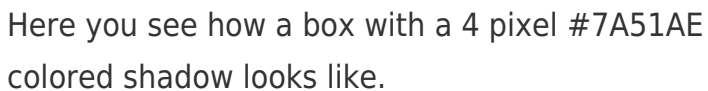
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A51AE }
```

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

```
.border{ border-color:#7A51AE }
```

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



Here you see how a box with a 4 pixel #7A51AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A51AE; -webkit-box-shadow:4px 4px  
4px 4px #7A51AE; box-shadow:4px 4px 4px  
4px #7A51AE }
```

# Background

The CSS property to change the background color of an element to Hex 7A51AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A51AE }
```

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

```
.background{ background-color:#7A51AE }
```

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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