

# Converting Colors

Hex(7A67BD)

Have a look what the booklet for  
Hex(7A67BD) contains.

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# Color

**Hex(7A67BD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7A67BD
RGB	122, 103, 189
RGB Percent	48%, 40%, 74%
CMY	0.5216, 0.5961, 0.2588
CMYK	0.35, 0.46, 0.00, 0.26
HSL	253°, 39%, 57%
HSV	253°, 46%, 74%
XYZ	22.0616, 17.5122, 50.3615
YIQ	118.4850, -16.2820, 30.7740

# Conversions

## Conversions Part 2

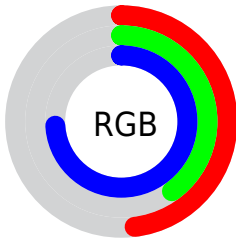
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	122, 103, 189
Decimal	8021949
CIE <sub>Lab</sub>	48.90, 27.54, -42.78
CIE <sub>LCh</sub>	49, 50.877, 302.778
Yxy	17.5122, 0.2453, 0.1947
Android (android.graphics.Color)	4286212029 (0xFF7A67BD)
YUV	118.4850, 34.7639, 3.0827
Hunter-Lab	41.8476, 20.8700, -42.0593

# Details

The Hex color **7A67BD** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **AABD67**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **B19AF6**, and **453887** is the 20% darker color. If you saturate the color by 10%, you get **6B54BD**, and if you desaturate by 10%, it is **897ABD**.

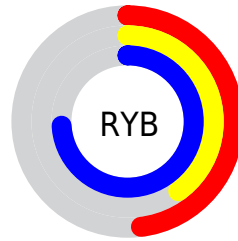
# Distribution



Red (48%)

Green (40%)

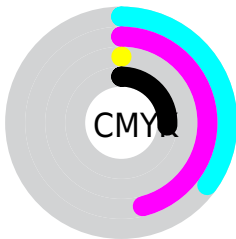
Blue (74%)



Red (48%)

Yellow (40%)

Blue (74%)

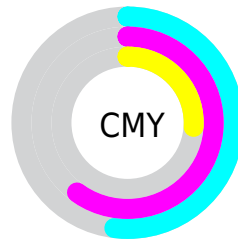


Cyan (35%)

Magenta (46%)

Yellow (0%)

Black (26%)



Cyan (52%)

Magenta (60%)

Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A67BD 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 7A67BD by changing the saturation by 10% instead.



■ 7A67BD

■ 7A67BD

FFFFFF

■ 5F4FA2

■ B19AF6

■ 453887

■ CDB5FF

■ 2A226D

■ EAD1FF

■ 080D54

■ FFEDFF

■ 00003D

■ 000326

■ 00010F

■ 000000

■ 7A67BD

■ 7A67BD

6B54BD

897ABD

5D41BD

978DBD

4E2EBD

A6A0BD

3F1BBD

B5B3BD

3008BD

C4C6BD

2A00BD

D2D8BD

E1EBBD

F0FEBD

FFFFBD

# Harmonies

## Analogous

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



0078CA



7A67BD



AB549C

# Triad

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



7A67BD



A96325



008977

# Complementary

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



7A67BD



AABD67

# 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.



04864B



7A67BD



877312

# Square

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



7A67BD



BE5248



5B7F25



0088A2

# Rectangle

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



7A67BD



BC4C80



5B7F25



008868



# Sweetspot

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



7A67BD



DAD3F5



67AABD



6A667A



FAFAFA



7A7A7A



# Same Dimension

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



7A67BD



8C6EF5



A567BD



57555E



23009E



07001F



# Inverse Universe

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



BD67AA



F56ED7



7FBD67



5E555C



9E007B



1F0018



# Previews

## White Background



This preview shows how the Hex color 7A67BD looks on a white background.

## Color Contrast Check

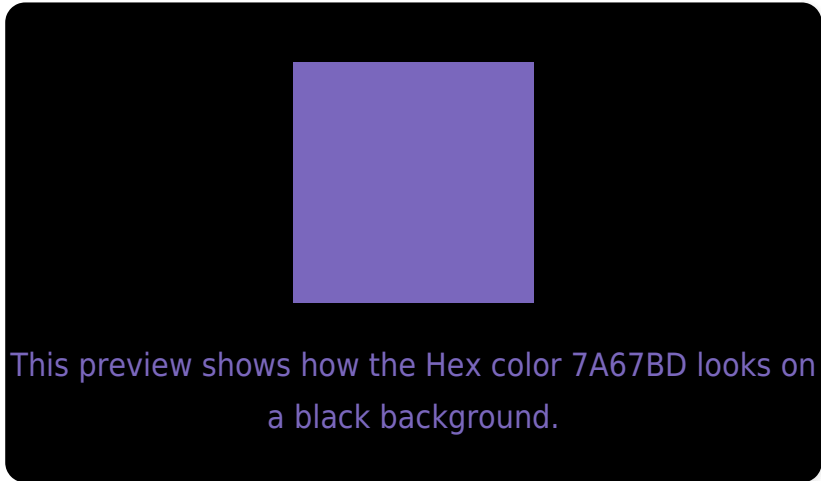
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7A67BD Background



This preview shows how black text looks on a background with the Hex color 7A67BD.

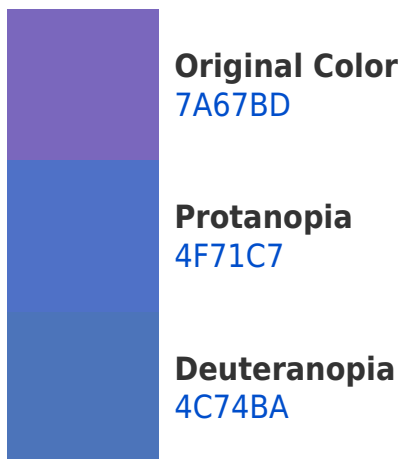


This preview shows how white text looks on a background with the Hex color 7A67BD.

# 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](#).

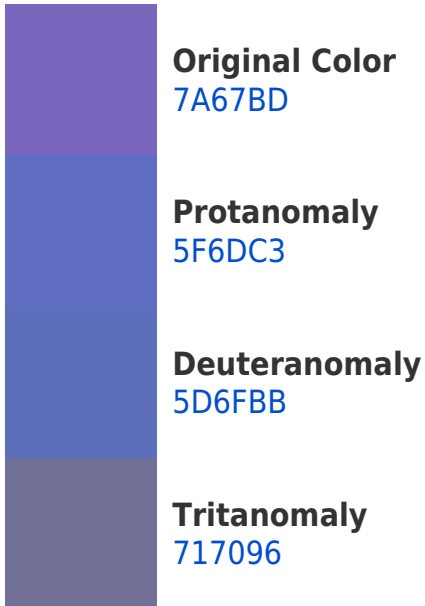
## Dichromacy



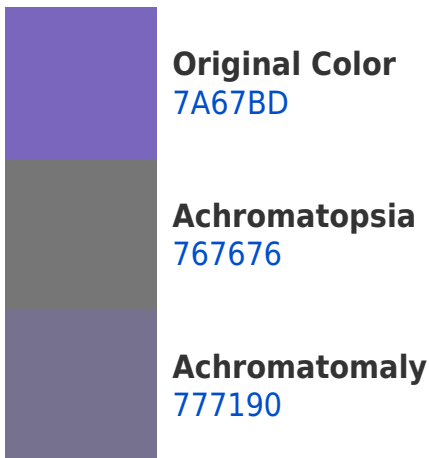


**Tritanopia**  
6C757F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A67BD 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 #7A67BD looks like.

```
.text, #text, p{  
    color:#7A67BD  
}
```

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 #7A67BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A67BD
}
```

## Border

The CSS property to change the border of an element to Hex 7A67BD 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
#7A67BD }
```

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

```
.border{ border-color:#7A67BD }
```

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

Here you see how a box with a 4 pixel #7A67BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A67BD; -webkit-box-shadow:4px 4px  
4px 4px #7A67BD; box-shadow:4px 4px 4px  
4px #7A67BD }
```

# Background

The CSS property to change the background color of an element to Hex 7A67BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A67BD }
```

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

```
.background{ background-color:#7A67BD }
```

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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