

Converting Colors

Hex(7B6DA1)

Have a look what the booklet for
Hex(7B6DA1) contains.

Hex(7B6DA1)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7B6DA1)

Conversions

Conversions Part 1

Format	Color
Hex	7B6DA1
RGB	123, 109, 161
RGB Percent	48%, 43%, 63%
CMY	0.5176, 0.5725, 0.3686
CMYK	0.24, 0.32, 0.00, 0.37
HSL	256°, 22%, 53%
HSV	256°, 32%, 63%
XYZ	20.0700, 17.7214, 36.0810
YIQ	119.1140, -8.3480, 19.1400

Conversions

Conversions Part 2

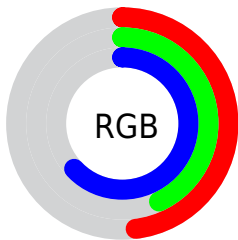
Format	Color
R_{YB}	123, 109, 161
Decimal	8088993
CIE Lab	49.16, 16.89, -26.06
CIE LCh	49, 31.058, 302.955
Yxy	17.7214, 0.2717, 0.2399
Android (android.graphics.Color)	4286279073 (0xFF7B6DA1)
YUV	119.1140, 20.6498, 3.4080
Hunter-Lab	42.0968, 11.4320, -21.3494

Details

The Hex color **7B6DA1** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **93A16D**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **B0A1D8**, and **493D6D** is the 20% darker color. If you saturate the color by 10%, you get **6F5DA1**, and if you desaturate by 10%, it is **877DA1**.

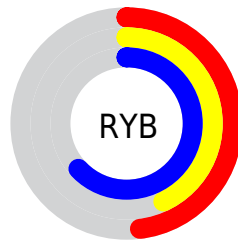
Distribution



Red (48%)

Green (43%)

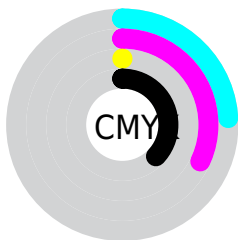
Blue (63%)



Red (48%)

Yellow (43%)

Blue (63%)

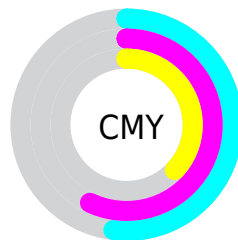


Cyan (24%)

Magenta (32%)

Yellow (0%)

Black (37%)



Cyan (52%)

Magenta (57%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B6DA1 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 7B6DA1 by changing the saturation by 10% instead.

■ 7B6DA1

■ 7B6DA1

FFFFFF

■ 625587

■ B0A1D8

■ 493D6D

■ CCBCF5

■ 312755

■ E8D7FF

■ 1A133D

■ FFF4FF

■ 030027

■ 000111

■ 000000

■ 7B6DA1

■ 7B6DA1

■ 6F5DA1

■ 877DA1

634DA1

938DA1

583DA1

9E9DA1

4C2DA1

AAADA1

401DA1

B6BEA1

340CA1

C2CEA1

2B00A1

CDDEA1

D9EEA1

E5FEA1

Harmonies

Analogous

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



5177A9



7B6DA1



98648D

Triad

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



7B6DA1



996B46



1C8377

Complementary

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



7B6DA1



93A16D

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.



47815C



7B6DA1



83743F

Square

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



7B6DA1



A6635A



687C48



008291

Rectangle

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



7B6DA1



A3607C



687C48



2D826D

Sweetspot

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



7B6DA1



C2BCD1



6D93A1



5F5C69



E8E8E8



696969

Same Dimension

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



7B6DA1



9680D1



956DA1



4C4952



270091



050012

Inverse Universe

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



A16D93



D180BB



79A16D



52494F



91006A



12000D

Previews

White Background



This preview shows how the Hex color 7B6DA1 looks on a white background.

Color Contrast Check

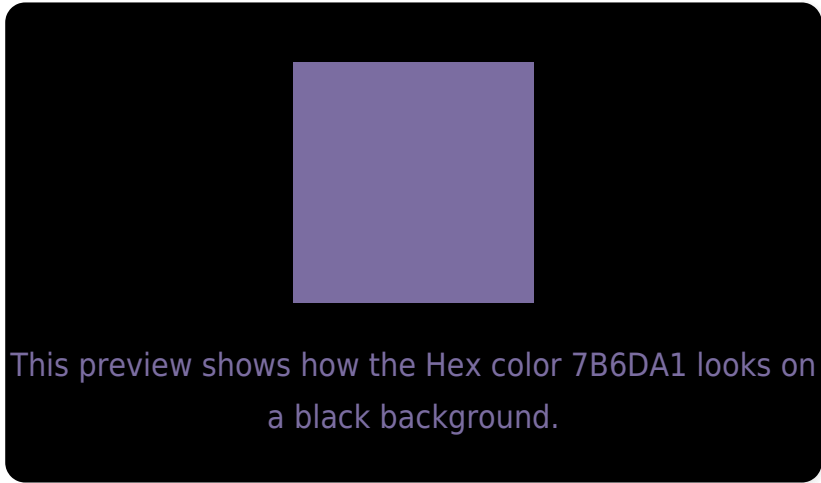
Large Text (above 18pt) WCAG AA ✓ Pass

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

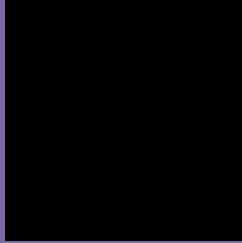
Any Text WCAG AA ✓ Pass

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 7B6DA1 Background



This preview shows how black text looks on a background with the Hex color 7B6DA1.

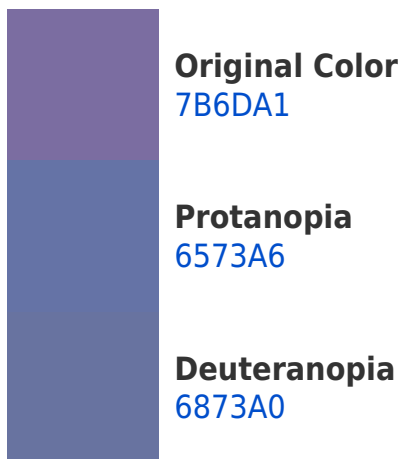


This preview shows how white text looks on a background with the Hex color 7B6DA1.

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
74747D

Trichromacy



Original Color
7B6DA1

Protanomaly
6D71A4

Deuteranomaly
6F71A0

Tritanomaly
77718A

Monochromacy



Original Color
7B6DA1

Achromatopsia
777777

Achromatomaly
787386

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B6DA1 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 #7B6DA1 looks like.

```
.text, #text, p{  
    color:#7B6DA1  
}
```

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 #7B6DA1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B6DA1
}
```

Border

The CSS property to change the border of an element to Hex 7B6DA1 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
#7B6DA1 }
```

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

```
.border{ border-color:#7B6DA1 }
```

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

Here you see how a box with a 4 pixel #7B6DA1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B6DA1; -webkit-box-shadow:4px 4px  
4px 4px #7B6DA1; box-shadow:4px 4px 4px  
4px #7B6DA1 }
```

Background

The CSS property to change the background color of an element to Hex 7B6DA1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B6DA1 }
```

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

```
.background{ background-color:#7B6DA1 }
```

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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