

Converting Colors

Hex(7B6BA0)

Have a look what the booklet for
Hex(7B6BA0) contains.

Hex(7B6BA0)	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(7B6BA0)

Conversions

Conversions Part 1

Format	Color
Hex	7B6BA0
RGB	123, 107, 160
RGB Percent	48%, 42%, 63%
CMY	0.5176, 0.5804, 0.3725
CMYK	0.23, 0.33, 0.00, 0.37
HSL	258°, 22%, 52%
HSV	258°, 33%, 63%
XYZ	19.7712, 17.2644, 35.5480
YIQ	117.8260, -7.4770, 19.8750

Conversions

Conversions Part 2

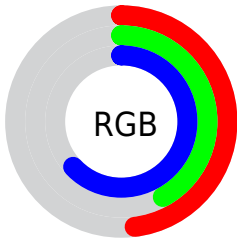
Format	Color
R_{YB}	123, 107, 160
Decimal	8088480
CIE _{Lab}	48.59, 17.85, -26.35
CIE _{LCh}	49, 31.825, 304.107
Yxy	17.2644, 0.2724, 0.2379
Android (android.graphics.Color)	4286278560 (0xFF7B6BA0)
YUV	117.8260, 20.7918, 4.5376
Hunter-Lab	41.5505, 12.2236, -21.6395

Details

The Hex color **7B6BA0** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **90A06B**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **B09ED7**, and **493C6C** is the 20% darker color. If you saturate the color by 10%, you get **705BA0**, and if you desaturate by 10%, it is **867BA0**.

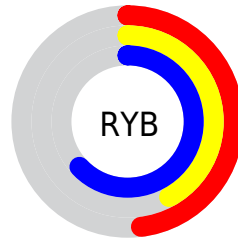
Distribution



Red (48%)

Green (42%)

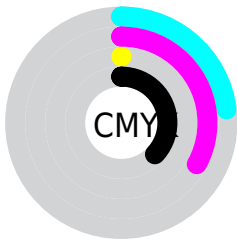
Blue (63%)



Red (48%)

Yellow (42%)

Blue (63%)

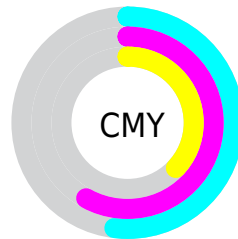


Cyan (23%)

Magenta (33%)

Yellow (0%)

Black (37%)



Cyan (52%)

Magenta (58%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B6BA0 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 7B6BA0 by changing the saturation by 10% instead.

■ 7B6BA0

■ 7B6BA0

FFFFFF

■ 625386

■ B09ED7

■ 493C6C

■ CCB9F3

■ 312654

■ E8D5FF

■ 1A113C

■ FFF2FF

■ 000026

■ 00010F

■ 000000

■ 7B6BA0

■ 7B6BA0

■ 705BA0

■ 867BA0

654BA0

918BA0

593BA0

9D9BA0

4E2BA0

A8ABA0

431BA0

B3BBA0

380BA0

BECBA0

3000A0

C9DBA0

D4EBA0

E0FBA0

Harmonies

Analogous

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



5075A9



7B6BA0



98628B

Triad

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



7B6BA0



976A43



0F8276

Complementary

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



7B6BA0



90A06B

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.



43805B



7B6BA0



81733D

Square

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



7B6BA0



A56157



657B46



008191

Rectangle

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



7B6BA0



A35E7A



657B46



26816D

Sweetspot

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



7B6BA0



C3BCD1



6B90A0



605C69



E8E8E8



696969

Same Dimension

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



7B6BA0



977DD1



956BA0



4A474F



2B008F



05000F

Inverse Universe

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



A06B90



D17DB8



76A06B



4F474D



8F0064



0F000B

Previews

White Background



This preview shows how the Hex color 7B6BA0 looks on a white background.

Color Contrast Check

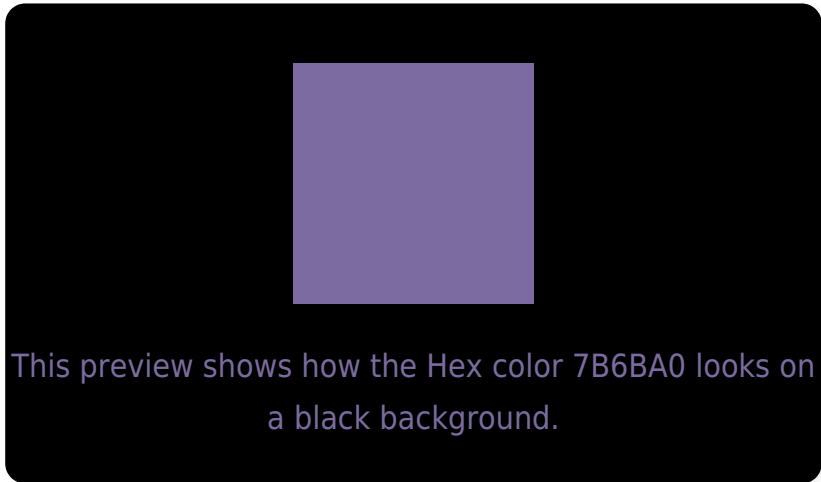
Large Text (above 18pt) WCAG AA ✓ Pass

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

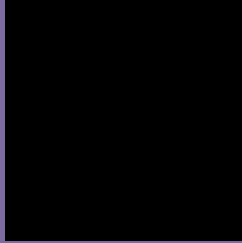
Any Text WCAG AA × Fail

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 7B6BA0 Background



This preview shows how black text looks on a background with the Hex color 7B6BA0.

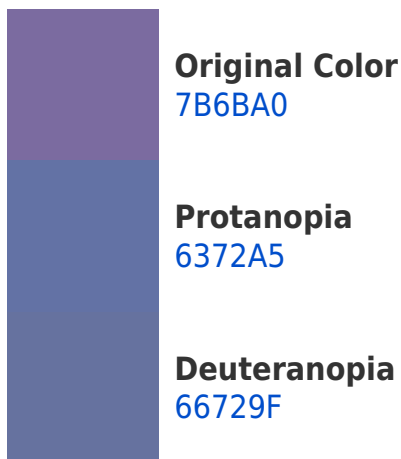


This preview shows how white text looks on a background with the Hex color 7B6BA0.

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
74727B

Trichromacy



Original Color
7B6BA0

Protanomaly
6C6FA3

Deuteranomaly
6E6F9F

Tritanomaly
776F88

Monochromacy



Original Color
7B6BA0

Achromatopsia
767676

Achromatomaly
787285

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B6BA0 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 #7B6BA0 looks like.

```
.text, #text, p{  
    color:#7B6BA0  
}
```

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 #7B6BA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B6BA0
}
```

Border

The CSS property to change the border of an element to Hex 7B6BA0 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
#7B6BA0 }
```

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

```
.border{ border-color:#7B6BA0 }
```

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

Here you see how a box with a 4 pixel #7B6BA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B6BA0; -webkit-box-shadow:4px 4px  
4px 4px #7B6BA0; box-shadow:4px 4px 4px  
4px #7B6BA0 }
```

Background

The CSS property to change the background color of an element to Hex 7B6BA0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B6BA0 }
```

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

```
.background{ background-color:#7B6BA0 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor