

Converting Colors

Hex(7B6097)

Have a look what the booklet for
Hex(7B6097) contains.

Hex(7B6097)	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(7B6097)

Conversions

Conversions Part 1

Format	Color
Hex	7B6097
RGB	123, 96, 151
RGB Percent	48%, 38%, 59%
CMY	0.5176, 0.6235, 0.4078
CMYK	0.19, 0.36, 0.00, 0.41
HSL	269°, 22%, 48%
HSV	269°, 36%, 59%
XYZ	17.9372, 14.8111, 31.1916
YIQ	110.3430, -1.5630, 22.8290

Conversions

Conversions Part 2

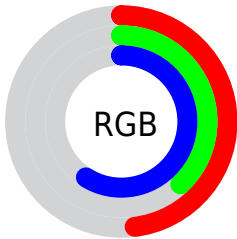
Format	Color
R_{YB}	123, 96, 151
Decimal	8085655
CIE _{Lab}	45.37, 22.25, -26.02
CIE _{LCh}	45, 34.241, 310.533
Yxy	14.8111, 0.2805, 0.2316
Android (android.graphics.Color)	4286275735 (0xFF7B6097)
YUV	110.3430, 20.0439, 11.1002
Hunter-Lab	38.4851, 15.8463, -21.1140

Details

The Hex color **7B6097** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7C9760**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **B093CD**, and **493164** is the 20% darker color. If you saturate the color by 10%, you get **735197**, and if you desaturate by 10%, it is **836F97**.

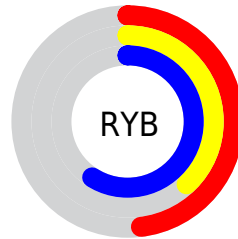
Distribution



Red (48%)

Green (38%)

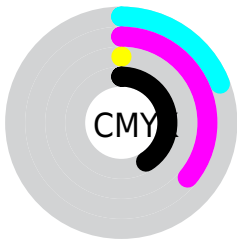
Blue (59%)



Red (48%)

Yellow (38%)

Blue (59%)

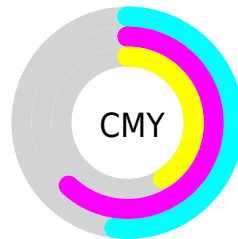


Cyan (19%)

Magenta (36%)

Yellow (0%)

Black (41%)



Cyan (52%)

Magenta (62%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B6097 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 7B6097 by changing the saturation by 10% instead.

■ 7B6097

■ 7B6097

FFFFFF

■ 62487D

■ B093CD

■ 493164

■ CCAEEA

■ 311B4C

■ E8C9FF

■ 1B0535

■ FFE5FF

■ 00001F

■ 000002

■ 000000

■ 7B6097

■ 7B6097

■ 735197

■ 836F97

6C4297

8A7E97

643397

928D97

5C2497

9A9C97

551597

A1AB97

4D0597

A9BB97

4A0097

B1CA97

B8D997

C0E897

Harmonies

Analogous

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



4F6BA3



7B6097



97577F

Triad

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



7B6097



8C6335



007A75

Complementary

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



7B6097



7C9760

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.



2B7957



7B6097



736D31

Square

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



7B6097



9D5948



54743E



007990

Rectangle

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



7B6097



A0546C



54743E



007A6B

Sweetspot

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



7B6097



B9AFC4



607C97



5D5763



E3E3E3



636363

Same Dimension

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



7B6097



986EC4



966097



49454D



45008C



06000D

Inverse Universe

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



97607C



C46E9A



619760



4D4549



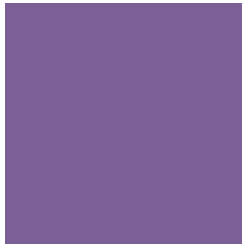
8C0047



0D0006

Previews

White Background



This preview shows how the Hex color 7B6097 looks on a white background.

Color Contrast Check

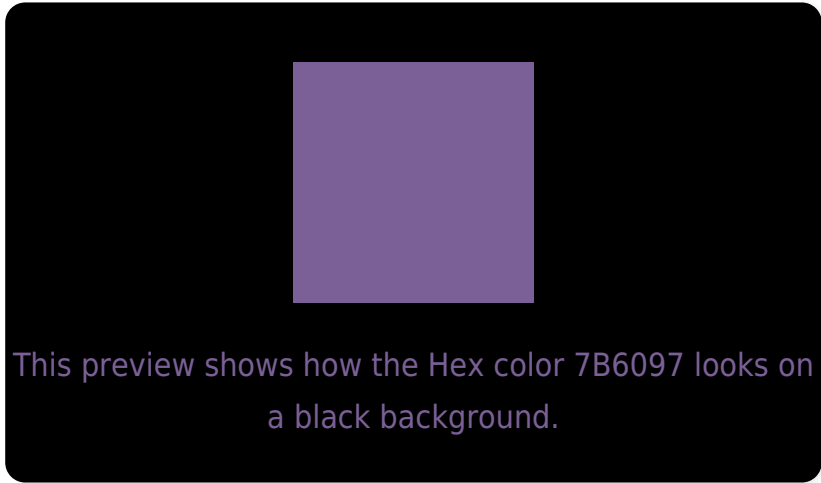
Large Text (above 18pt) WCAG AA ✓ Pass

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

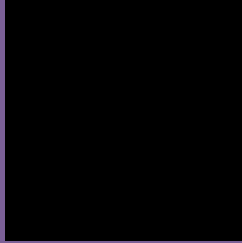
Any Text WCAG AA × Fail

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 7B6097 Background



This preview shows how black text looks on a background with the Hex color 7B6097.

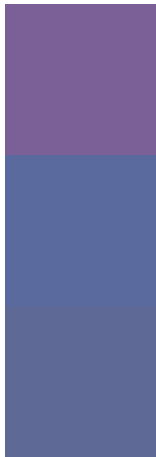


This preview shows how white text looks on a background with the Hex color 7B6097.

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



Original Color
7B6097

Protanopia
5A6A9F

Deuteranopia
5E6A95



Tritanopia
746870

Trichromacy



Original Color
7B6097

Protanomaly
66669C

Deuteranomaly
696696

Tritanomaly
77657E

Monochromacy



Original Color
7B6097

Achromatopsia
6E6E6E

Achromatomaly
73697D

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B6097 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 #7B6097 looks like.

```
.text, #text, p{  
    color:#7B6097  
}
```

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 #7B6097 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B6097
}
```

Border

The CSS property to change the border of an element to Hex 7B6097 is called "border". The border property can be set on classes, ids or directly on the HTML element.

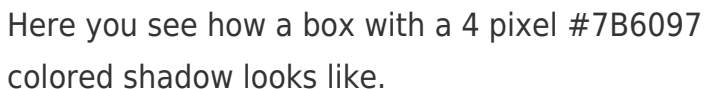
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B6097 }
```

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

```
.border{ border-color:#7B6097 }
```

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



Here you see how a box with a 4 pixel #7B6097 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B6097; -webkit-box-shadow:4px 4px  
4px 4px #7B6097; box-shadow:4px 4px 4px  
4px #7B6097 }
```

Background

The CSS property to change the background color of an element to Hex 7B6097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B6097 }
```

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

```
.background{ background-color:#7B6097 }
```

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