

Converting Colors

Hex(7B74B8)

Have a look what the booklet for
Hex(7B74B8) contains.

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Color

Hex(7B74B8)

Conversions

Conversions Part 1

Format	Color
Hex	7B74B8
RGB	123, 116, 184
RGB Percent	48%, 45%, 72%
CMY	0.5176, 0.5451, 0.2784
CMYK	0.33, 0.37, 0.00, 0.28
HSL	246°, 32%, 59%
HSV	246°, 37%, 72%
XYZ	23.0655, 20.1624, 48.0235
YIQ	125.8450, -17.6560, 22.6320

Conversions

Conversions Part 2

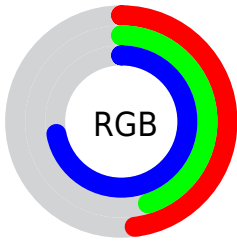
Format	Color
R_{YB}	123, 116, 184
Decimal	8090808
CIE _{Lab}	52.02, 18.68, -34.96
CIE _{LCh}	52, 39.641, 298.117
Yxy	20.1624, 0.2528, 0.2210
Android (android.graphics.Color)	4286280888 (0xFF7B74B8)
YUV	125.8450, 28.6704, -2.4951
Hunter-Lab	44.9026, 13.1121, -31.9790

Details

The Hex color **7B74B8** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **B1B874**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **B1A8F0**, and **474483** is the 20% darker color. If you saturate the color by 10%, you get **6A62B8**, and if you desaturate by 10%, it is **8C86B8**.

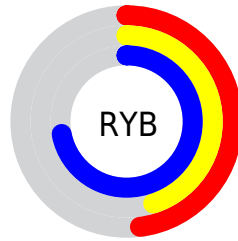
Distribution



Red (48%)

Green (45%)

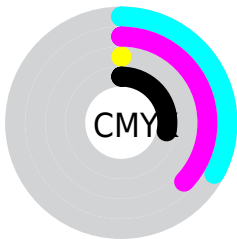
Blue (72%)



Red (48%)

Yellow (45%)

Blue (72%)

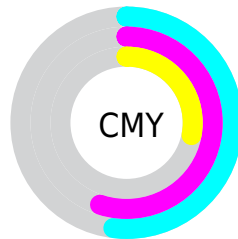


Cyan (33%)

Magenta (37%)

Yellow (0%)

Black (28%)



Cyan (52%)

Magenta (55%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B74B8 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 7B74B8 by changing the saturation by 10% instead.

■ 7B74B8

■ 7B74B8

FFFFFF

■ 615B9D

■ B1A8F0

■ 474483

■ CDC3FF

■ 2E2E69

■ EADFFF

■ 121951

■ FFFCFF

■ 000039

■ 000223

■ 00000A

■ 000000

■ 7B74B8

■ 7B74B8

■ 6A62B8

■ 8C86B8

■ 5A4FB8

■ 9C99B8

■ 493DB8

■ ADABB8

■ 392AB8

■ BDBEB8

■ 2818B8

■ CED0B8

■ 1806B8

■ DEE2B8

■ 1300B8

■ EFF5B8

■ FFFB8

Harmonies

Analogous

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



3980C0



7B74B8



A467A0

Triad

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



7B74B8



AC6D43



008D79

Complementary

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



7B74B8



B1B874

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.



458A57



7B74B8



927936

Square

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



7B74B8



BB625E



70843E



008D9B

Rectangle

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



7B74B8



B4618B



70843E



158C6D

Sweetspot

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



7B74B8



D8D5F0



74B1B8



6A6878



F7F7F7



787878

Same Dimension

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



7B74B8



9186F0



9D74B8



54535C



10009C



03001C

Inverse Universe

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



B874B1



F086E5



8FB874



5C535B



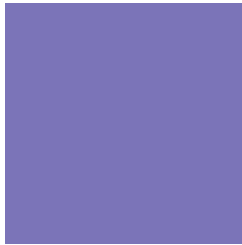
9C008C



1C0019

Previews

White Background



This preview shows how the Hex color 7B74B8 looks on a white background.

Color Contrast Check

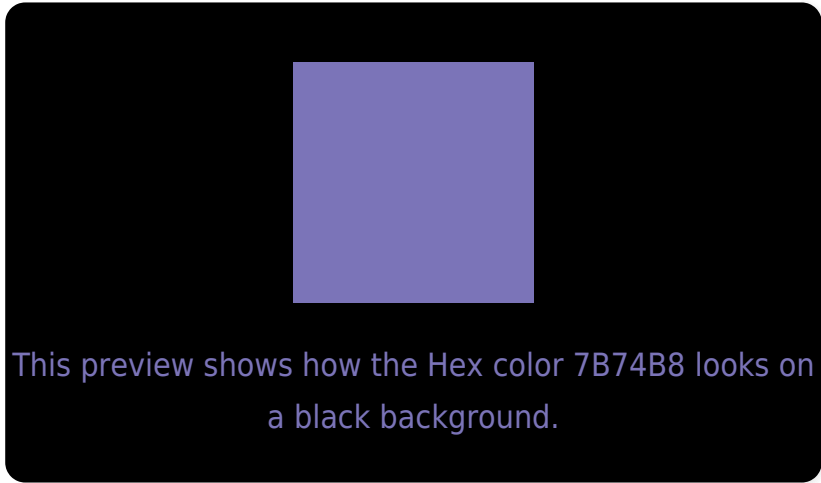
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

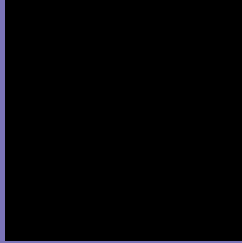
Any Text WCAG AA ✓ Pass

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 7B74B8 Background



This preview shows how black text looks on a background with the Hex color 7B74B8.

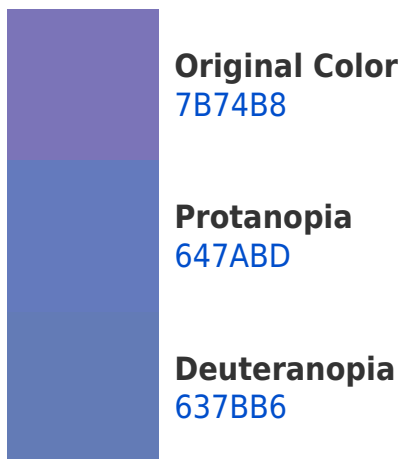


This preview shows how white text looks on a background with the Hex color 7B74B8.

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](#).

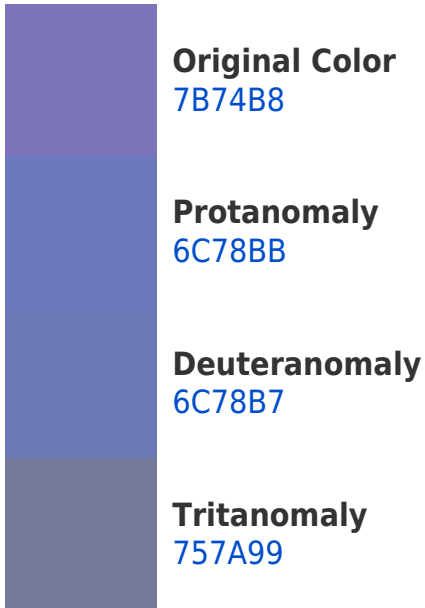
Dichromacy



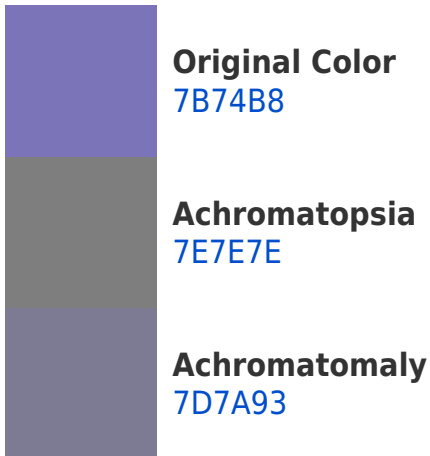


Tritanopia
717E88

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7B74B8 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 #7B74B8 looks like.

```
.text, #text, p{  
    color:#7B74B8  
}
```

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 #7B74B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B74B8
}
```

Border

The CSS property to change the border of an element to Hex 7B74B8 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
#7B74B8 }
```

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

```
.border{ border-color:#7B74B8 }
```

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

Here you see how a box with a 4 pixel #7B74B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B74B8; -webkit-box-shadow:4px 4px  
4px 4px #7B74B8; box-shadow:4px 4px 4px  
4px #7B74B8 }
```

Background

The CSS property to change the background color of an element to Hex 7B74B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B74B8 }
```

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

```
.background{ background-color:#7B74B8 }
```

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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