

Converting Colors

Hex(7674B1)

Have a look what the booklet for
Hex(7674B1) contains.

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Color

Hex(7674B1)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 7674B1 |
| RGB | 118, 116, 177 |
| RGB Percent | 46%, 45%, 69% |
| CMY | 0.5373, 0.5451, 0.3059 |
| CMYK | 0.33, 0.34, 0.00, 0.31 |
| HSL | 242°, 28%, 57% |
| HSV | 242°, 34%, 69% |
| XYZ | 21.6524, 19.5167, 44.2209 |
| YIQ | 123.5520, -18.3890, 19.3950 |

Conversions

Conversions Part 2

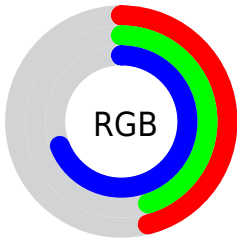
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 118, 116, 177 |
| Decimal | 7763121 |
| CIE _{Lab} | 51.29, 15.34, -32.10 |
| CIE _{LCh} | 51, 35.578, 295.546 |
| Yxy | 19.5167, 0.2536, 0.2286 |
| Android (android.graphics.Color) | 4285953201 (0xFF7674B1) |
| YUV | 123.5520, 26.3499, -4.8691 |
| Hunter-Lab | 44.1777, 10.1758, -28.4236 |

Details

The Hex color **7674B1** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **AFB174**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **ACA8E9**, and **43447C** is the 20% darker color. If you saturate the color by 10%, you get **6562B1**, and if you desaturate by 10%, it is **8786B1**.

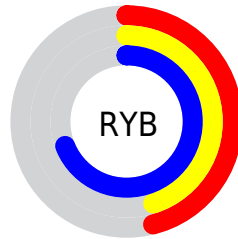
Distribution



Red (46%)

Green (45%)

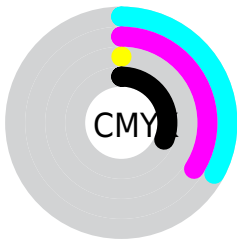
Blue (69%)



Red (46%)

Yellow (45%)

Blue (69%)

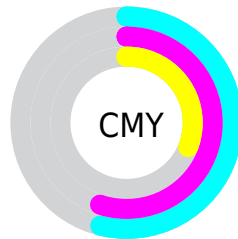


Cyan (33%)

Magenta (34%)

Yellow (0%)

Black (31%)



Cyan (54%)

Magenta (55%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7674B1 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 7674B1 by changing the saturation by 10% instead.

■ 7674B1

■ 7674B1

FFFFFF

■ 5C5B96

■ ACA8E9

■ 43447C

■ C8C3FF

■ 292E63

■ E4DFFF

■ 0E194B

■ FFFCFF

■ 000034

■ 00021E

■ 000000

■ 7674B1

■ 7674B1

■ 6562B1

■ 8786B1

■ 5451B1

■ 9897B1

■ 433FB1

■ A9A9B1

■ 322DB1

■ BABBB1

■ 201BB1

■ CCCCCB1

■ 0F0AB1

■ DDDEB1

■ 0600B1

■ EEFOB1

■ FFFFB1

Harmonies

Analogous

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



3E7FB6



7674B1



9C699D

Triad

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



7674B1



A86C49



168A74

Complementary

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



7674B1



AFB174

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.



4E8757



7674B1



91773D

Square

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



7674B1



B46362



738042



008A93

Rectangle

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



7674B1



AB638A



738042



2F896A

Sweetspot

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



7674B1



CFCFE6



74B0B1



656573



F2F2F2



737373

Same Dimension

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



7674B1



8A87E6



9474B1



515059



050099



01001A

Inverse Universe

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



B174AF



E687E2



91B174



595059



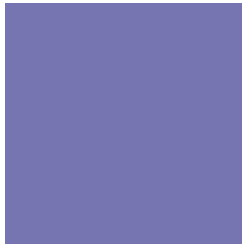
990094



1A0019

Previews

White Background



This preview shows how the Hex color 7674B1 looks on a white background.

Color Contrast Check

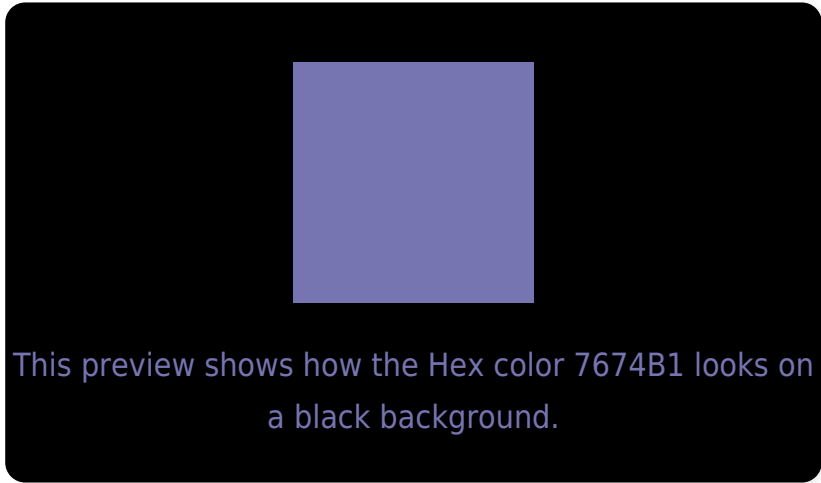
Large Text (above 18pt) WCAG AA ✓ Pass

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 7674B1 Background



This preview shows how black text looks on a background with the Hex color 7674B1.



This preview shows how white text looks on a background with the Hex color 7674B1.

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
6D7D86

Trichromacy



Original Color
7674B1

Protanomaly
6C77B3

Deuteranomaly
6B77B0

Tritanomaly
707A96

Monochromacy



Original Color
7674B1

Achromatopsia
7C7C7C

Achromatomaly
7A798F

CSS Examples

Text

The CSS property to change the color of the text to Hex 7674B1 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 #7674B1 looks like.

```
.text, #text, p{  
    color:#7674B1  
}
```

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 #7674B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7674B1
}
```

Border

The CSS property to change the border of an element to Hex 7674B1 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
#7674B1 }
```

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

```
.border{ border-color:#7674B1 }
```

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

Here you see how a box with a 4 pixel #7674B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7674B1; -webkit-box-shadow:4px 4px  
4px 4px #7674B1; box-shadow:4px 4px 4px  
4px #7674B1 }
```

Background

The CSS property to change the background color of an element to Hex 7674B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7674B1 }
```

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

```
.background{ background-color:#7674B1 }
```

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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