

Converting Colors

Hex(7674B3)

Have a look what the booklet for
Hex(7674B3) contains.

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Color

Hex(7674B3)

Conversions

Conversions Part 1

Format	Color
Hex	7674B3
RGB	118, 116, 179
RGB Percent	46%, 45%, 70%
CMY	0.5373, 0.5451, 0.2980
CMYK	0.34, 0.35, 0.00, 0.30
HSL	242°, 29%, 58%
HSV	242°, 35%, 70%
XYZ	21.8533, 19.5970, 45.2786
YIQ	123.7800, -19.0310, 20.0170

Conversions

Conversions Part 2

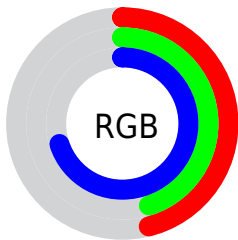
Format	Color
R_{YB}	118, 116, 179
Decimal	7763123
CIE _{Lab}	51.38, 15.89, -33.11
CIE _{LCh}	51, 36.726, 295.631
Yxy	19.5970, 0.2520, 0.2260
Android (android.graphics.Color)	4285953203 (0xFF7674B3)
YUV	123.7800, 27.2235, -5.0691
Hunter-Lab	44.2685, 10.6472, -29.6549

Details

The Hex color **7674B3** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **B1B374**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **ACA8EB**, and **43447E** is the 20% darker color. If you saturate the color by 10%, you get **6562B3**, and if you desaturate by 10%, it is **8786B3**.

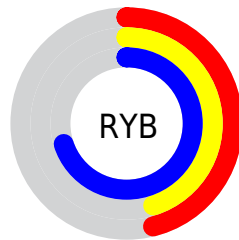
Distribution



Red (46%)

Green (45%)

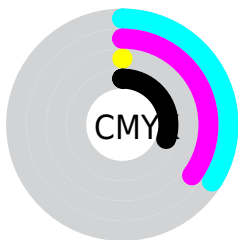
Blue (70%)



Red (46%)

Yellow (45%)

Blue (70%)

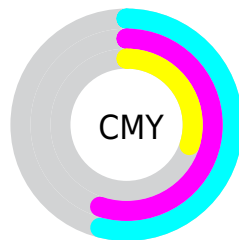


Cyan (34%)

Magenta (35%)

Yellow (0%)

Black (30%)



Cyan (54%)

Magenta (55%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7674B3 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 7674B3 by changing the saturation by 10% instead.

7674B3

7674B3

FFFFFF

5C5B98

ACA8EB

43447E

C8C3FF

292E65

E4DFFF

0C194C

FFFCFF

000035

00021F

000002

000000

7674B3

7674B3

■ 6562B3

■ 8786B3

■ 5350B3

■ 9998B3

■ 423EB3

■ AAAAB3

■ 312CB3

■ BBBCB3

■ 1F1BB3

■ CDCDB3

■ 0E09B3

■ DEDFB3

■ 0600B3

■ EFF1B3

■ FFFB3

Harmonies

Analogous

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



3B7FB9



7674B3



9D689E

Triad

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



7674B3



A96C47



098A75

Complementary

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



7674B3



B1B374

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.



4D8756



7674B3



92773B

Square

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



7674B3



B56361



728140



008A95

Rectangle

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



7674B3



AD638B



728140



2A8A6A

Sweetspot

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



7674B3



CFCFE8



74B2B3



676675



F5F5F5



757575

Same Dimension

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



7674B3



8A87E8



9574B3



515059



050099



01001A

Inverse Universe

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



B374B1



E887E5



92B374



595059



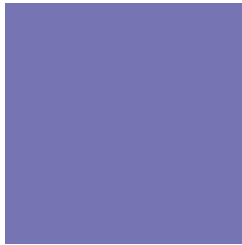
990094



1A0019

Previews

White Background



This preview shows how the Hex color 7674B3 looks on a white background.

Color Contrast Check

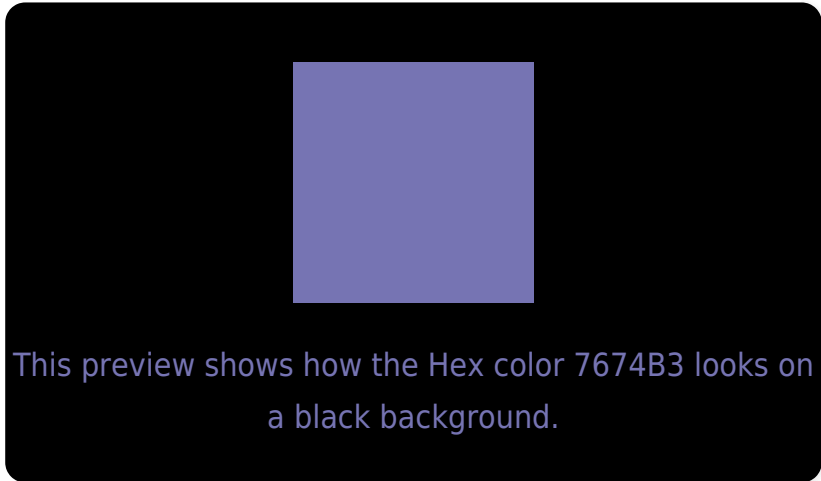
Large Text (above 18pt) WCAG AA ✓ Pass

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

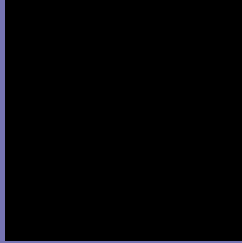
Any Text WCAG AA ✓ Pass

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 7674B3 Background



This preview shows how black text looks on a background with the Hex color 7674B3.

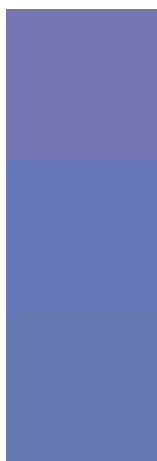


This preview shows how white text looks on a background with the Hex color 7674B3.

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
7674B3

Protanopia
6578B7

Deuteranopia
6479B2



Tritanopia
6C7D87

Trichromacy



Original Color
7674B3

Protanomaly
6B77B6

Deuteranomaly
6B77B2

Tritanomaly
707A97

Monochromacy



Original Color
7674B3

Achromatopsia
7C7C7C

Achromatomaly
7A7990

CSS Examples

Text

The CSS property to change the color of the text to Hex 7674B3 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 #7674B3 looks like.

```
.text, #text, p{  
    color:#7674B3  
}
```

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 #7674B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7674B3
}
```

Border

The CSS property to change the border of an element to Hex 7674B3 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
#7674B3 }
```

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

```
.border{ border-color:#7674B3 }
```

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

Here you see how a box with a 4 pixel #7674B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7674B3; -webkit-box-shadow:4px 4px  
4px 4px #7674B3; box-shadow:4px 4px 4px  
4px #7674B3 }
```

Background

The CSS property to change the background color of an element to Hex 7674B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7674B3 }
```

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

```
.background{ background-color:#7674B3 }
```

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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