

Converting Colors

Hex(7669B3)

Have a look what the booklet for
Hex(7669B3) contains.

Hex(7669B3)	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(7669B3)

Conversions

Conversions Part 1

Format	Color
Hex	7669B3
RGB	118, 105, 179
RGB Percent	46%, 41%, 70%
CMY	0.5373, 0.5882, 0.2980
CMYK	0.34, 0.41, 0.00, 0.30
HSL	251°, 33%, 56%
HSV	251°, 41%, 70%
XYZ	20.6595, 17.2094, 44.8807
YIQ	117.3230, -16.0060, 25.7700

Conversions

Conversions Part 2

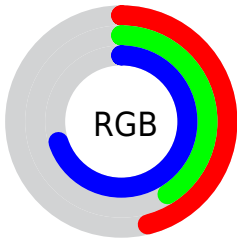
Format	Color
R_{YB}	118, 105, 179
Decimal	7760307
CIE _{Lab}	48.52, 22.51, -37.60
CIE _{LCh}	49, 43.822, 300.913
Yxy	17.2094, 0.2497, 0.2080
Android (android.graphics.Color)	4285950387 (0xFF7669B3)
YUV	117.3230, 30.4068, 0.5937
Hunter-Lab	41.4842, 16.2972, -35.1054

Details

The Hex color **7669B3** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A6B369**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **AC9CEB**, and **423A7E** is the 20% darker color. If you saturate the color by 10%, you get **6757B3**, and if you desaturate by 10%, it is **857BB3**.

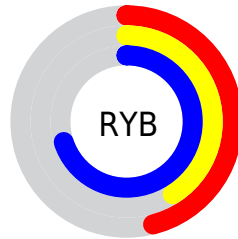
Distribution



Red (46%)

Green (41%)

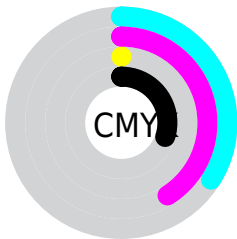
Blue (70%)



Red (46%)

Yellow (41%)

Blue (70%)

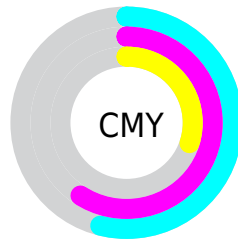


Cyan (34%)

Magenta (41%)

Yellow (0%)

Black (30%)



Cyan (54%)

Magenta (59%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7669B3 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 7669B3 by changing the saturation by 10% instead.

■ 7669B3

■ 7669B3

FFFFFF

■ 5C5198

■ AC9CEB

■ 423A7E

■ C8B7FF

■ 282464

■ E5D3FF

■ 09104C

■ FFEFFF

■ 000035

■ 00021F

■ 000001

■ 000000

■ 7669B3

■ 7669B3

6757B3

857BB3

5845B3

948DB3

4A33B3

A29FB3

3B21B3

B1B1B3

2C0FB3

C0C3B3

1F00B3

CFD4B3

DDE6B3

ECF8B3

FBFFB3

Harmonies

Analogous

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



2377BD



7669B3



A15A98

Triad

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



7669B3



A46432



008573

Complementary

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



7669B3



A6B369

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.



2D834E



7669B3



877224

Square

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



7669B3



B5574F



617C30



008598

Rectangle

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



7669B3



B15380



617C30



008566

Sweetspot

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



7669B3



D1CCE8



69A7B3



686575



F5F5F5



757575

Same Dimension

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



7669B3



8874E8



9A69B3



525059



1B0099



04001A

Inverse Universe

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



B369A6



E874D4



82B369



595058



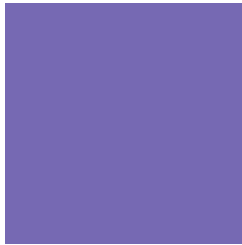
99007E



1A0015

Previews

White Background



This preview shows how the Hex color 7669B3 looks on a white background.

Color Contrast Check

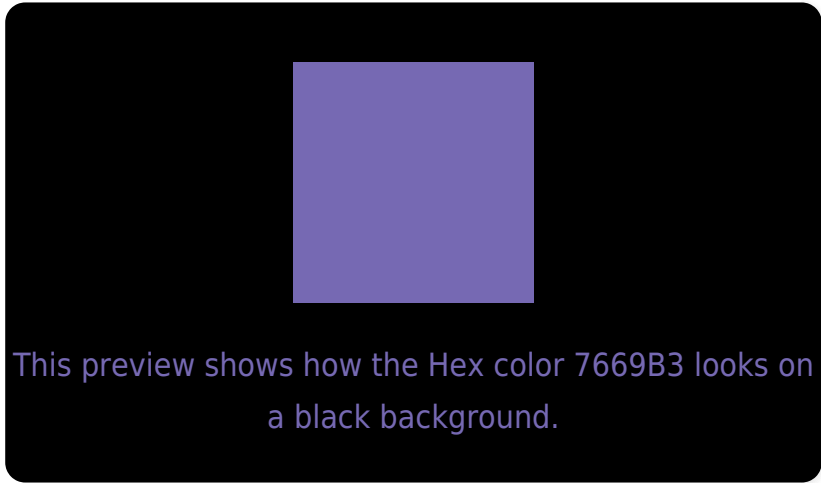
Large Text (above 18pt) WCAG AA ✓ Pass

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

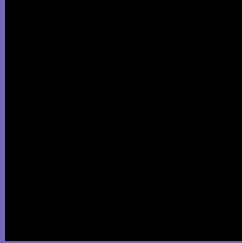
Any Text WCAG AA × Fail

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 7669B3 Background



This preview shows how black text looks on a background with the Hex color 7669B3.



This preview shows how white text looks on a background with the Hex color 7669B3.

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
6B757E

Trichromacy



Original Color
7669B3

Protanomaly
626EB7

Deuteranomaly
606FB2

Tritanomaly
6F7191

Monochromacy



Original Color
7669B3

Achromatopsia
757575

Achromatomaly
75718C

CSS Examples

Text

The CSS property to change the color of the text to Hex 7669B3 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 #7669B3 looks like.

```
.text, #text, p{  
    color:#7669B3  
}
```

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 #7669B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7669B3
}
```

Border

The CSS property to change the border of an element to Hex 7669B3 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
#7669B3 }
```

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

```
.border{ border-color:#7669B3 }
```

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

Here you see how a box with a 4 pixel #7669B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7669B3; -webkit-box-shadow:4px 4px  
4px 4px #7669B3; box-shadow:4px 4px 4px  
4px #7669B3 }
```

Background

The CSS property to change the background color of an element to Hex 7669B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7669B3 }
```

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

```
.background{ background-color:#7669B3 }
```

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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