

# Converting Colors

Hex(7468C3)

Have a look what the booklet for  
Hex(7468C3) contains.

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# Color

**Hex(7468C3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7468C3
RGB	116, 104, 195
RGB Percent	45%, 41%, 76%
CMY	0.5451, 0.5922, 0.2353
CMYK	0.41, 0.47, 0.00, 0.24
HSL	248°, 43%, 59%
HSV	248°, 47%, 76%
XYZ	22.0031, 17.5538, 53.8583
YIQ	117.9620, -22.0590, 30.8450

# Conversions

## Conversions Part 2

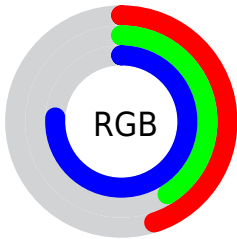
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	116, 104, 195
Decimal	7628995
CIE <sub>Lab</sub>	48.95, 27.05, -46.19
CIE <sub>LCh</sub>	49, 53.526, 300.357
Yxy	17.5538, 0.2355, 0.1879
Android (android.graphics.Color)	4285819075 (0xFF7468C3)
YUV	117.9620, 37.9797, -1.7207
Hunter-Lab	41.8972, 20.4225, -46.8884

# Details

The Hex color **7468C3** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **B7C368**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **AB9BFC**, and **3D398D** is the 20% darker color. If you saturate the color by 10%, you get **6355C3**, and if you desaturate by 10%, it is **857BC3**.

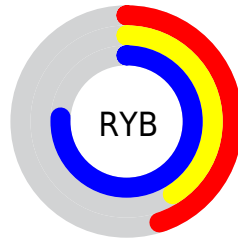
# Distribution



Red (45%)

Green (41%)

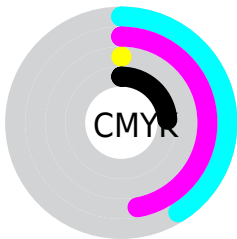
Blue (76%)



Red (45%)

Yellow (41%)

Blue (76%)

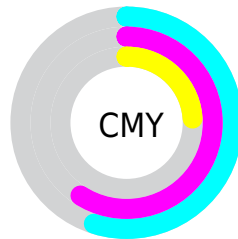


Cyan (41%)

Magenta (47%)

Yellow (0%)

Black (24%)



Cyan (55%)

Magenta (59%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7468C3 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 7468C3 by changing the saturation by 10% instead.



■ 7468C3

■ 7468C3

FFFFFF

■ 5950A7

■ AB9BFC

■ 3D398D

■ C8B6FF

■ 202373

■ E5D2FF

■ 000F5A

■ FFEEFF

■ 000042

■ 00032A

■ 000115

■ 000000

■ 7468C3

■ 7468C3

6355C3

857BC3

5241C3

968FC3

412EC3

A7A3C3

301AC3

B8B6C3

1F07C3

C9CAC3

1A00C3

DADDC3

EAF1C3

FBFFC3

FFFFC3

# Harmonies

## Analogous

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



0079CF



7468C3



AB54A2

# Triad

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



7468C3



AD6123



008973

# Complementary

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



7468C3



B7C368

# 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.



048645



7468C3



8A7207

# Square

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



7468C3



C34E49



5D7F1D



0089A1

# Rectangle

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



7468C3



BE4A85



5D7F1D



008964



# Sweetspot

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



7468C3



DED9FC



68B8C3



6D6A80



000000



808080



# Same Dimension

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



7468C3



826FFC



A068C3



585761



1500A1



040021



# Inverse Universe

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



C368B7



FC6FEA



8BC368



615760



A1008B



21001D



# Previews

## White Background



This preview shows how the Hex color 7468C3 looks on a white background.

## Color Contrast Check

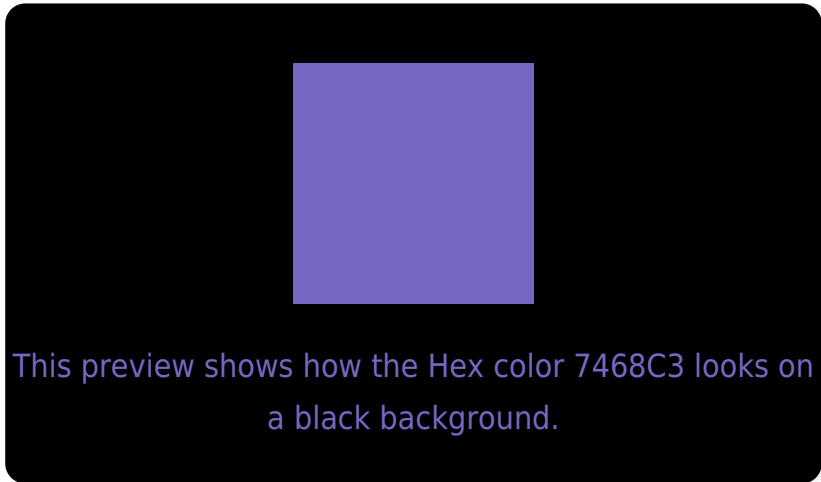
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

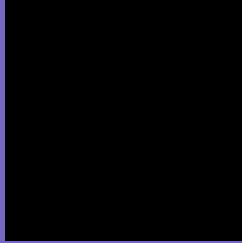
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7468C3 Background



This preview shows how black text looks on a background with the Hex color 7468C3.

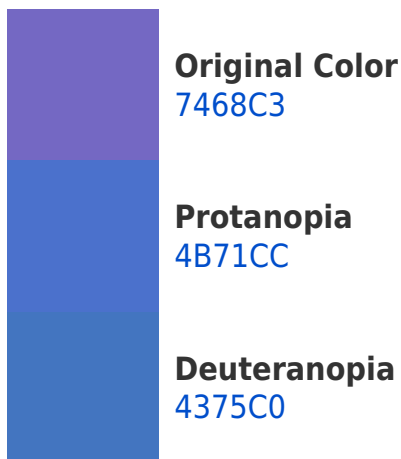


This preview shows how white text looks on a background with the Hex color 7468C3.

# 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](#).

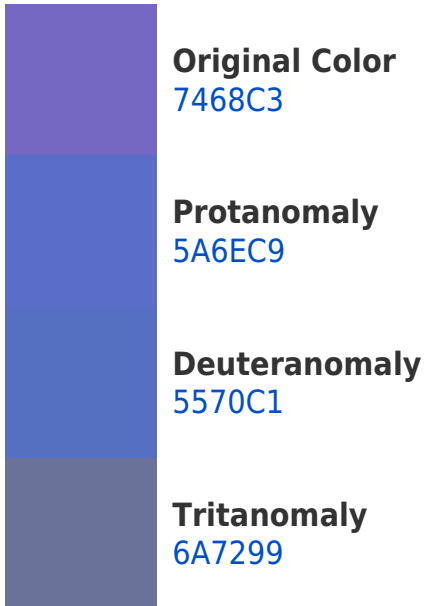
## Dichromacy



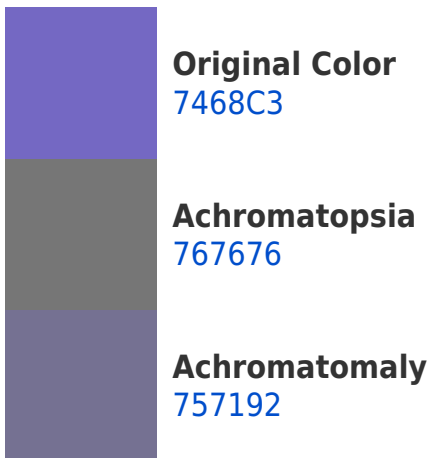


**Tritanopia**  
647781

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7468C3 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 #7468C3 looks like.

```
.text, #text, p{  
    color:#7468C3  
}
```

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 #7468C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7468C3
}
```

## Border

The CSS property to change the border of an element to Hex 7468C3 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".

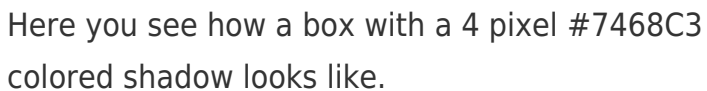
```
.border, #border, table{ border:4px solid
#7468C3 }
```

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

```
.border{ border-color:#7468C3 }
```

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

Here you see how a box with a 4 pixel #7468C3 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7468C3; -webkit-box-shadow:4px 4px  
4px 4px #7468C3; box-shadow:4px 4px 4px  
4px #7468C3 }
```

# Background

The CSS property to change the background color of an element to Hex 7468C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7468C3 }
```

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

```
.background{ background-color:#7468C3 }
```

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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