

# Converting Colors

Hex(7548B3)

Have a look what the booklet for  
Hex(7548B3) contains.

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# Color

**Hex(7548B3)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 7548B3                    |
| RGB           | 117, 72, 179              |
| RGB Percent   | 46%, 28%, 70%             |
| CMY           | 0.5412, 0.7176, 0.2980    |
| CMYK          | 0.35, 0.60, 0.00, 0.30    |
| HSL           | 265°, 43%, 49%            |
| HSV           | 265°, 60%, 70%            |
| XYZ           | 17.7902, 11.6713, 43.9630 |
| YIQ           | 97.6530, -7.5270, 42.8170 |

# Conversions

## Conversions Part 2

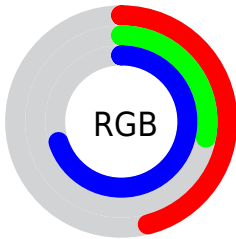
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 117, 72, 179                  |
| Decimal                             | 7686323                       |
| CIE <sub>Lab</sub>                  | 40.69, 41.66, -50.08          |
| CIE <sub>LCh</sub>                  | 41, 65.147, 309.757           |
| Yxy                                 | 11.6713, 0.2423,<br>0.1590    |
| Android<br>(android.graphics.Color) | 4285876403<br>(0xFF7548B3)    |
| <b>YUV</b>                          | 97.6530, 40.1041,<br>16.9673  |
| Hunter-Lab                          | 34.1633, 33.1662,<br>-52.3829 |

# Details

The Hex color **7548B3** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **86B348**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **AD7AEB**, and **3F177D** is the 20% darker color. If you saturate the color by 10%, you get **6B36B3**, and if you desaturate by 10%, it is **7F5AB3**.

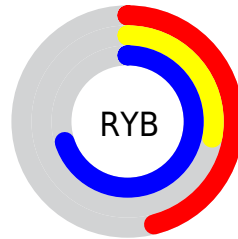
# Distribution



Red (46%)

Green (28%)

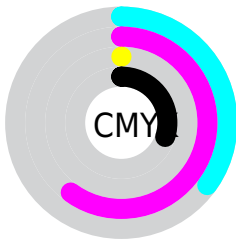
Blue (70%)



Red (46%)

Yellow (28%)

Blue (70%)

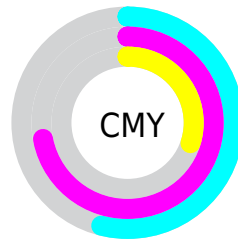


Cyan (35%)

Magenta (60%)

Yellow (0%)

Black (30%)



Cyan (54%)

Magenta (72%)

Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7548B3 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 7548B3 by changing the saturation by 10% instead.



 7548B3

 7548B3

FFFFFF

 5A3098

 AD7AEB

 3F177D

 C995FF

 220064

 E6B0FF

 06004B

 FFCCFF

 000333

 FFE8FF

 00021D

 000000

 7548B3

 7548B3

 6B36B3

 7F5AB3

6024B3

8A6CB3

5612B3

947EB3

4C00B3

9E90B3

4B00B3

A9A2B3

B3B3B3

BEC5B3

C8D7B3

D2E9B3

# Harmonies

## Analogous

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



0061CB



7548B3



AB2586

# Triad

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



7548B3



924F00



007771

# Complementary

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



7548B3



86B348

# 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.



007438



7548B3



656300

# Square

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



7548B3



B1321D



256F00



0076A4

# Rectangle

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



7548B3



B91263



256F00



00765E



# Sweetspot

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



7548B3



D0BEE8



4886B3



665B75



F5F5F5



757575



# Same Dimension

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



7548B3



8741E8



AA48B3



545059



400099



0B001A



# Inverse Universe

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



B34886



E841A2



51B348



595055



990059

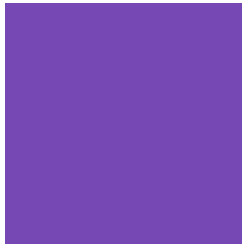


1A000F



# Previews

## White Background



This preview shows how the Hex color 7548B3 looks on a white background.

## Color Contrast Check

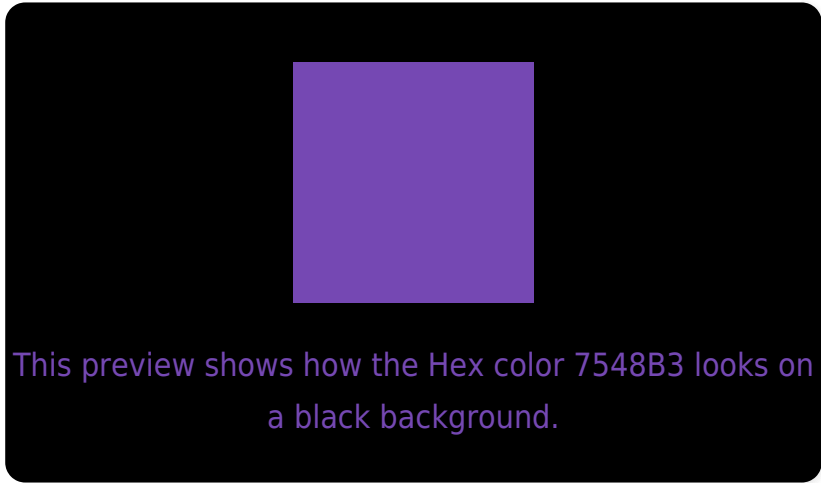
Large Text (above 18pt) WCAG AA ✓ Pass

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 7548B3 Background



This preview shows how black text looks on a background with the Hex color 7548B3.

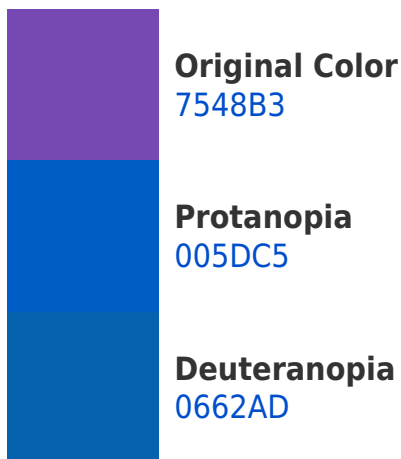



This preview shows how white text looks on a background with the Hex color 7548B3.

# 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](#).

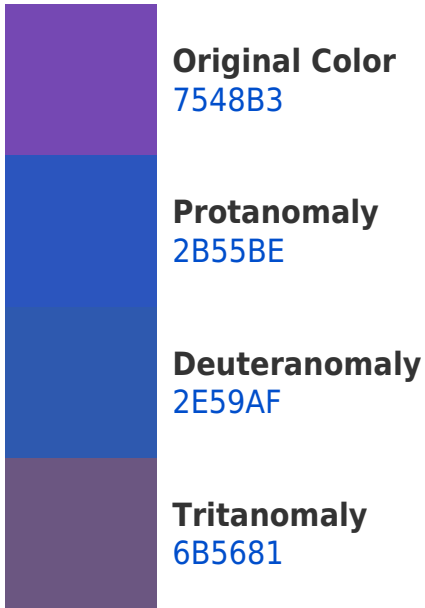
## Dichromacy



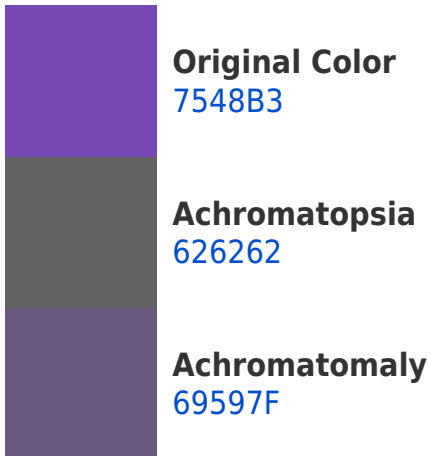


**Tritanopia**  
655E65

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7548B3 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 #7548B3 looks like.

```
.text, #text, p{  
    color:#7548B3  
}
```

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 #7548B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7548B3
}
```

## Border

The CSS property to change the border of an element to Hex 7548B3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

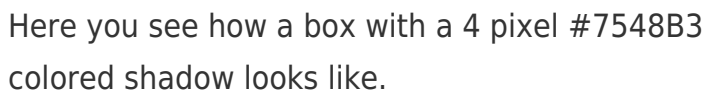
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7548B3 }
```

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

```
.border{ border-color:#7548B3 }
```

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



Here you see how a box with a 4 pixel #7548B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7548B3; -webkit-box-shadow:4px 4px  
4px 4px #7548B3; box-shadow:4px 4px 4px  
4px #7548B3 }
```

# Background

The CSS property to change the background color of an element to Hex 7548B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7548B3 }
```

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

```
.background{ background-color:#7548B3 }
```

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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