

# Converting Colors

Hex(7752BB)

Have a look what the booklet for  
Hex(7752BB) contains.

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# Color

**Hex(7752BB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7752BB
RGB	119, 82, 187
RGB Percent	47%, 32%, 73%
CMY	0.5333, 0.6784, 0.2667
CMYK	0.36, 0.56, 0.00, 0.27
HSL	261°, 44%, 53%
HSV	261°, 56%, 73%
XYZ	19.5947, 13.5444, 48.5953
YIQ	105.0330, -11.6530, 40.4990

# Conversions

## Conversions Part 2

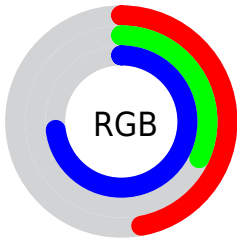
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	119, 82, 187
Decimal	7819963
CIE Lab	43.57, 38.60, -50.13
CIE LCh	44, 63.267, 307.592
Yxy	13.5444, 0.2397, 0.1657
Android (android.graphics.Color)	4286010043 (0xFF7752BB)
YUV	105.0330, 40.4097, 12.2491
Hunter-Lab	36.8027, 30.6332, -52.5263

# Details

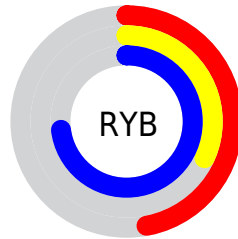
The Hex color **7752BB** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **96BB52**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **AF85F4**, and **402385** is the 20% darker color. If you saturate the color by 10%, you get **6B3FBB**, and if you desaturate by 10%, it is **8365BB**.

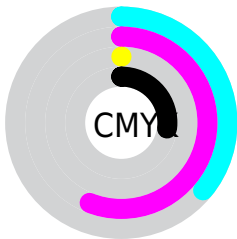
# Distribution



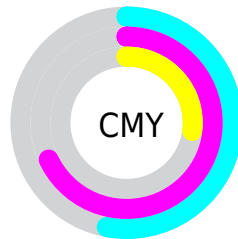
- Red (47%)
- Green (32%)
- Blue (73%)



- Red (47%)
- Yellow (32%)
- Blue (73%)



- Cyan (36%)
- Magenta (56%)
- Yellow (0%)
- Black (27%)



- Cyan (53%)
- Magenta (68%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7752BB 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 7752BB by changing the saturation by 10% instead.



 7752BB

 7752BB

FFFFFF

 5C3AA0

 AF85F4

 402385

 CB9FFF

 230A6B

 E8BAFF

 000052

 FFD6FF

 00003A

 FFF3FF

 000224

 00000B

 000000

 7752BB

 7752BB

6B3FBB

8365BB

5F2DBB

8F77BB

531ABB

9B8ABB

4707BB

A79DBB

4200BB

B4B0BB

C0C2BB

CCD5BB

D8E8BB

E4FABB

# Harmonies

## Analogous

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



0069D0



7752BB



AE3490

# Triad

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



7752BB



9C5500



007E73

# Complementary

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



7752BB



96BB52

# 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.



007B3C



7752BB



716900

# Square

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



7752BB



B93A29



377500



007DA6

# Rectangle

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



7752BB



BF266E



377500



007D61



# Sweetspot

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



7752BB



D8C9F2



5296BB



6B627A



FAFAFA



7A7A7A



# Same Dimension

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



7752BB



8950F2



AB52BB



58555E



38009E



0B001F



# Inverse Universe

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



BB5296



F250B9



62BB52



5E555B



9E0066

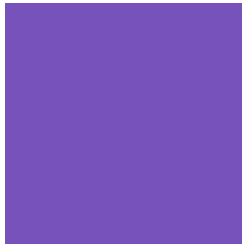


1F0014



# Previews

## White Background



This preview shows how the Hex color 7752BB looks on a white background.

## Color Contrast Check

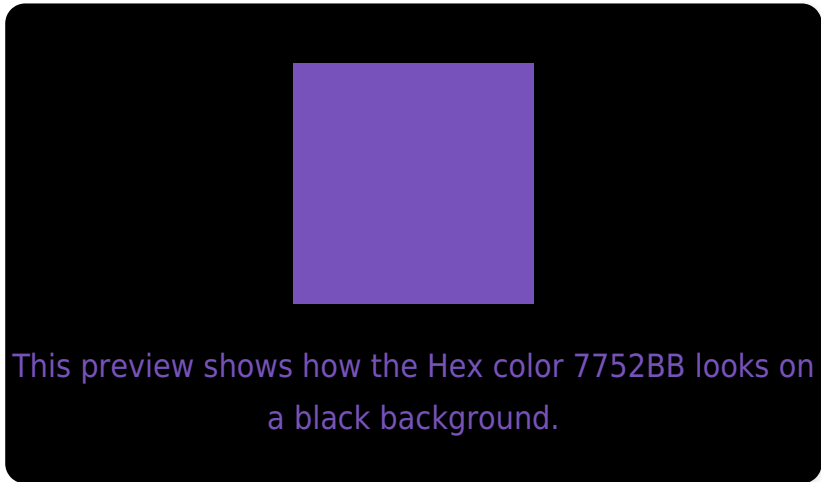
Large Text (above 18pt) WCAG AA ✓ Pass

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 7752BB Background



This preview shows how black text looks on a background with the Hex color 7752BB.

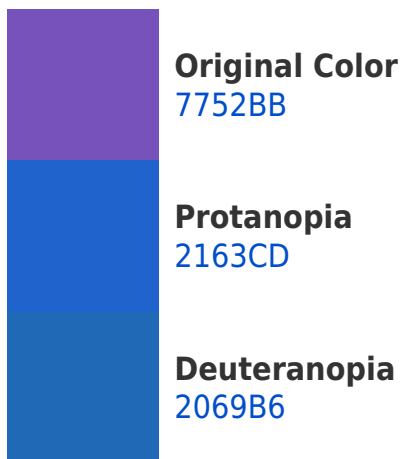



This preview shows how white text looks on a background with the Hex color 7752BB.

# 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](#).

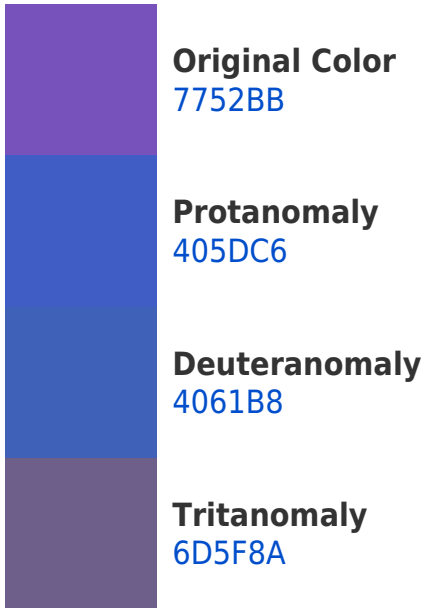
## Dichromacy



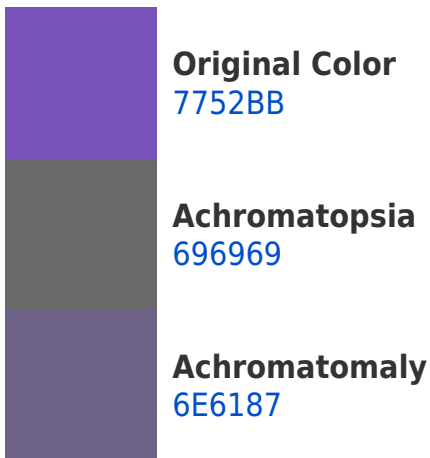


**Tritanopia**  
67666E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7752BB 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 #7752BB looks like.

```
.text, #text, p{  
    color:#7752BB  
}
```

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 #7752BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7752BB
}
```

## Border

The CSS property to change the border of an element to Hex 7752BB 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
#7752BB }
```

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

```
.border{ border-color:#7752BB }
```

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

Here you see how a box with a 4 pixel #7752BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7752BB; -webkit-box-shadow:4px 4px  
4px 4px #7752BB; box-shadow:4px 4px 4px  
4px #7752BB }
```

# Background

The CSS property to change the background color of an element to Hex 7752BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7752BB }
```

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

```
.background{ background-color:#7752BB }
```

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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