

# Converting Colors

Hex(7511B0)

Have a look what the booklet for  
Hex(7511B0) contains.

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**Color**

**Hex(7511B0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7511B0
RGB	117, 17, 176
RGB Percent	46%, 7%, 69%
CMY	0.5412, 0.9333, 0.3098
CMYK	0.34, 0.90, 0.00, 0.31
HSL	278°, 82%, 38%
HSV	278°, 90%, 69%
XYZ	15.3730, 7.3174, 41.6764
YIQ	65.0260, 8.5610, 70.6490

# Conversions

## Conversions Part 2

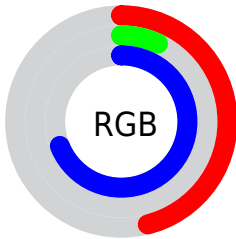
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 17, 176
Decimal	7672240
CIE <sub>Lab</sub>	32.52, 63.29, -61.56
CIE <sub>LCh</sub>	33, 88.291, 315.794
Yxy	7.3174, 0.2388, 0.1137
Android (android.graphics.Color)	4285862320 (0xFF7511B0)
YUV	65.0260, 54.7102, 45.5812
Hunter-Lab	27.0507, 54.1038, -72.4114

# Details

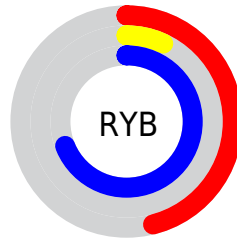
The Hex color **7511B0** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **4CB011**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **AF50E9**, and **3B007A** is the 20% darker color. If you saturate the color by 10%, you get **6F00B0**, and if you desaturate by 10%, it is **7C23B0**.

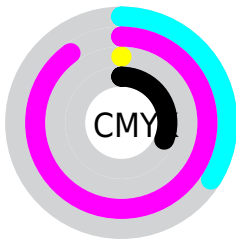
# Distribution



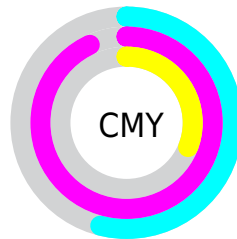
- Red (46%)
- Green (7%)
- Blue (69%)



- Red (46%)
- Yellow (7%)
- Blue (69%)



- Cyan (34%)
- Magenta (90%)
- Yellow (0%)
- Black (31%)



- Cyan (54%)
- Magenta (93%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7511B0 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 7511B0 by changing the saturation by 10% instead.



7511B0

7511B0

FFFFFF

580095

AF50E9

3B007A

CC6BFF

1D0060

EA87FF

000048

FFA2FF

000430

FFBFFF

00011A

FFDCFF

000000

FFF9FF

7511B0

7511B0

6F00B0

7C23B0

8234B0

8946B0

8F57B0

9669B0

9C7BB0

A38CB0

A99EB0

B0AFB0

# Harmonies

## Analogous

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



004BD7



7511B0



B10071

# Triad

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



7511B0



793D00



006571

# Complementary

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



7511B0



4CB011

# 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.



006327



7511B0



3B5500

# Square

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



7511B0



A50000



005F00



0066B2

# Rectangle

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



7511B0



BC0043



005F00



006459



# Sweetspot

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



7511B0



CFA8E6



114EB0



654E73



F2F2F2



737373



# Same Dimension

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



7511B0



9000E6



B0119D



565059



600099



10001A



# Inverse Universe

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



B0114C



E60055



11B024



595054



990039

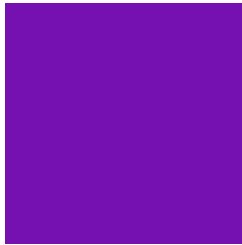


1A0009



# Previews

## White Background



This preview shows how the Hex color 7511B0 looks on a white background.

## Color Contrast Check

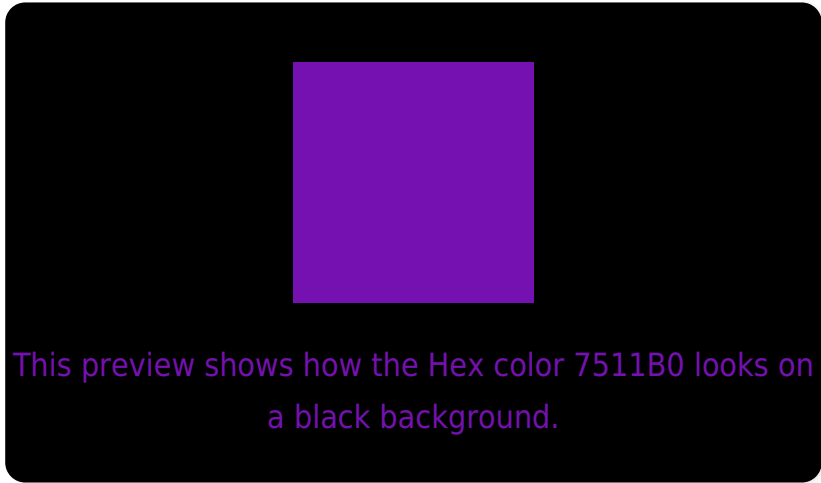
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

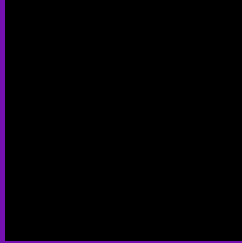
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7511B0 Background



This preview shows how black text looks on a background with the Hex color 7511B0.

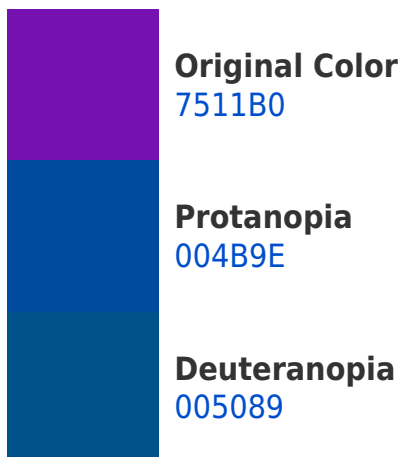


This preview shows how white text looks on a background with the Hex color 7511B0.

# 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**  
63464B

# Trichromacy



**Original Color**  
7511B0



**Protanomaly**  
2B36A5



**Deuteranomaly**  
2B3997



**Tritanomaly**  
6A3370

# Monochromacy



**Original Color**  
7511B0



**Achromatopsia**  
414141



**Achromatomaly**  
543069

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7511B0 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 #7511B0 looks like.

```
.text, #text, p{  
    color:#7511B0  
}
```

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 #7511B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7511B0
}
```

## Border

The CSS property to change the border of an element to Hex 7511B0 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
#7511B0 }
```

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

```
.border{ border-color:#7511B0 }
```

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

Here you see how a box with a 4 pixel #7511B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7511B0; -webkit-box-shadow:4px 4px  
4px 4px #7511B0; box-shadow:4px 4px 4px  
4px #7511B0 }
```

# Background

The CSS property to change the background color of an element to Hex 7511B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7511B0 }
```

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

```
.background{ background-color:#7511B0 }
```

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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