

# Converting Colors

Hex(7B52B5)

Have a look what the booklet for  
Hex(7B52B5) contains.

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# Color

Hex(7B52B5)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7B52B5
RGB	123, 82, 181
RGB Percent	48%, 32%, 71%
CMY	0.5176, 0.6784, 0.2902
CMYK	0.32, 0.55, 0.00, 0.29
HSL	265°, 40%, 52%
HSV	265°, 55%, 71%
XYZ	19.5262, 13.5817, 45.3085
YIQ	105.5450, -7.3430, 39.4810

# Conversions

## Conversions Part 2

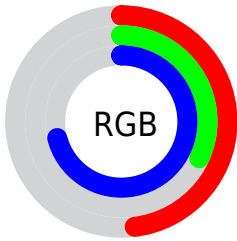
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	123, 82, 181
Decimal	8082101
CIE <sub>Lab</sub>	43.63, 38.01, -46.51
CIE <sub>LCh</sub>	44, 60.069, 309.261
Yxy	13.5817, 0.2490, 0.1732
Android (android.graphics.Color)	4286272181 (0xFF7B52B5)
YUV	105.5450, 37.1993, 15.3080
Hunter-Lab	36.8534, 30.0818, -47.0952

# Details

The Hex color **7B52B5** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **8CB552**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **B285ED**, and **45227F** is the 20% darker color. If you saturate the color by 10%, you get **7040B5**, and if you desaturate by 10%, it is **8664B5**.

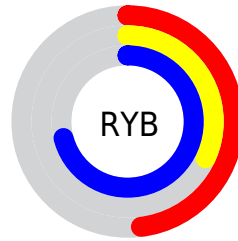
# Distribution



Red (48%)

Green (32%)

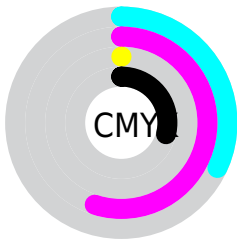
Blue (71%)



Red (48%)

Yellow (32%)

Blue (71%)

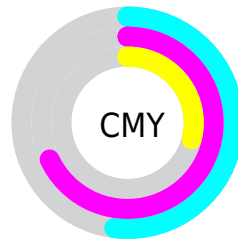


Cyan (32%)

Magenta (55%)

Yellow (0%)

Black (29%)



Cyan (52%)

Magenta (68%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B52B5 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 7B52B5 by changing the saturation by 10% instead.



7B52B5

7B52B5

FFFFFF

603A9A

B285ED

45227F

CF9FFF

2A0A66

ECBBFF

0D004D

FFD7FF

000036

FFF3FF

00021F

000003

000000

7B52B5

7B52B5

7040B5

8664B5

662EB5

9076B5

5B1CB5

9B88B5

510AB5

A59AB5

4B00B5

B0ADB5

BBBFB5

C5D1B5

D0E3B5

DAF5B5

# Harmonies

## Analogous

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



0068CA



7B52B5



AD388B

# Triad

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



7B52B5



985800



007D76

# Complementary

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



7B52B5



8CB552

# 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.



007B42



7B52B5



6F6A00

# Square

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



7B52B5



B53F2A



377508



007CA5

# Rectangle

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



7B52B5



BC2D6B



377508



007D64



# Sweetspot

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



7B52B5



D5C5EB



528DB5



685F75



F5F5F5



757575



# Same Dimension

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



7B52B5



9050EB



AB52B5



545059



3F0099



0B001A



# Inverse Universe

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



B5528C



EB50AA



5CB552



595056



99005A

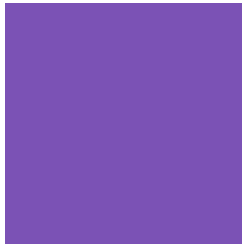


1A000F



# Previews

## White Background



This preview shows how the Hex color 7B52B5 looks on a white background.

## Color Contrast Check

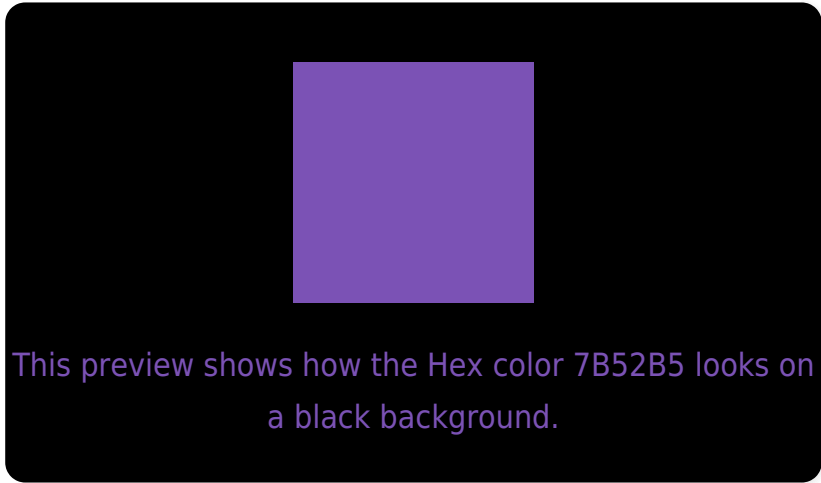
Large Text (above 18pt) WCAG AA ✓ Pass

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

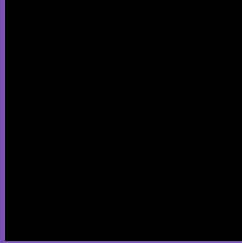
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7B52B5 Background



This preview shows how black text looks on a background with the Hex color 7B52B5.

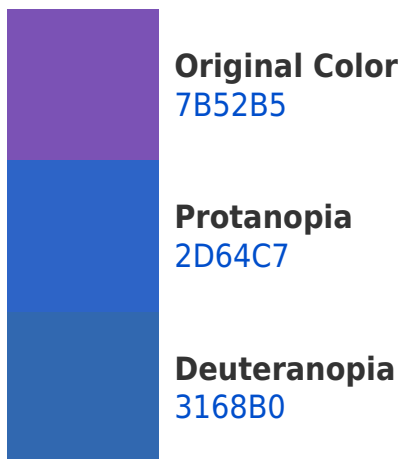


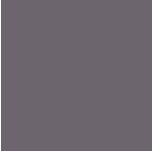
This preview shows how white text looks on a background with the Hex color 7B52B5.

# 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**  
6D656D

# Trichromacy



**Original Color**  
7B52B5

**Protanomaly**  
495DC0

**Deuteranomaly**  
4C60B2

**Tritanomaly**  
725E87

# Monochromacy



**Original Color**  
7B52B5

**Achromatopsia**  
6A6A6A

**Achromatomaly**  
706185

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B52B5 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 #7B52B5 looks like.

```
.text, #text, p{  
    color:#7B52B5  
}
```

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 #7B52B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B52B5
}
```

## Border

The CSS property to change the border of an element to Hex 7B52B5 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
#7B52B5 }
```

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

```
.border{ border-color:#7B52B5 }
```

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

Here you see how a box with a 4 pixel #7B52B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B52B5; -webkit-box-shadow:4px 4px  
4px 4px #7B52B5; box-shadow:4px 4px 4px  
4px #7B52B5 }
```

# Background

The CSS property to change the background color of an element to Hex 7B52B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B52B5 }
```

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

```
.background{ background-color:#7B52B5 }
```

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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