

# Converting Colors

Hex(755BA7)

Have a look what the booklet for  
Hex(755BA7) contains.

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# Color

**Hex(755BA7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	755BA7
RGB	117, 91, 167
RGB Percent	46%, 36%, 65%
CMY	0.5412, 0.6431, 0.3451
CMYK	0.30, 0.46, 0.00, 0.35
HSL	261°, 30%, 51%
HSV	261°, 46%, 65%
XYZ	18.0523, 14.0541, 38.3205
YIQ	107.4380, -8.9000, 29.1480

# Conversions

## Conversions Part 2

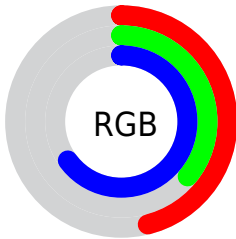
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 91, 167
Decimal	7691175
CIE Lab	44.31, 27.45, -37.22
CIE LCh	44, 46.250, 306.408
Yxy	14.0541, 0.2563, 0.1996
Android (android.graphics.Color)	4285881255 (0xFF755BA7)
YUV	107.4380, 29.3641, 8.3859
Hunter-Lab	37.4888, 20.3490, -34.3632

# Details

The Hex color **755BA7** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **8DA75B**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **AB8EDF**, and **422C72** is the 20% darker color. If you saturate the color by 10%, you get **6A4AA7**, and if you desaturate by 10%, it is **806CA7**.

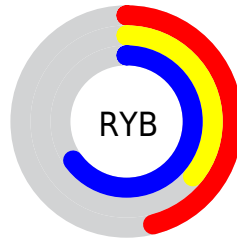
# Distribution



Red (46%)

Green (36%)

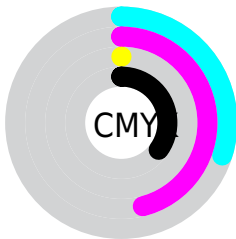
Blue (65%)



Red (46%)

Yellow (36%)

Blue (65%)

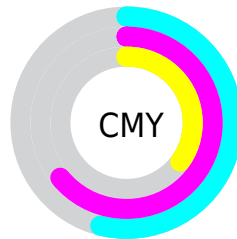


Cyan (30%)

Magenta (46%)

Yellow (0%)

Black (35%)



Cyan (54%)

Magenta (64%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 755BA7 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 755BA7 by changing the saturation by 10% instead.



755BA7

755BA7

FFFFFF

5B438C

AB8EDF

422C72

C7A8FB

28175A

E3C4FF

0E0042

FFE0FF

00012B

FFFCFF

000115

000000

755BA7

755BA7

6A4AA7

806CA7

■ 5F3AA7

■ 8B7CA7

■ 5429A7

■ 968DA7

■ 4918A7

■ A19EA7

■ 3E07A7

■ ACAEA7

■ 3900A7

■ B7BFA7

■ C2D0A7

■ CDE1A7

■ D8F1A7

# Harmonies

## Analogous

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



206AB5



755BA7



9E4B88

# Triad

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



755BA7



955C20



007B70

# Complementary

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



755BA7



8DA75B

# 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.



007948



755BA7



756A13

# Square

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



755BA7



AA4C3D



4D7326



007A95

# Rectangle

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



755BA7



AB456F



4D7326



007B63



# Sweetspot

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



755BA7



C5BAD9



5B8EA7



615B6E



EDEDED



6E6E6E



# Same Dimension

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



755BA7



8A62D9



9A5BA7



4F4C54



330094



070014



# Inverse Universe

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



A75B8D



D962B0



68A75B



544C51



940061

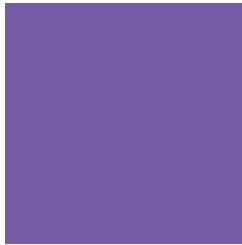


14000D



# Previews

## White Background



This preview shows how the Hex color 755BA7 looks on a white background.

## Color Contrast Check

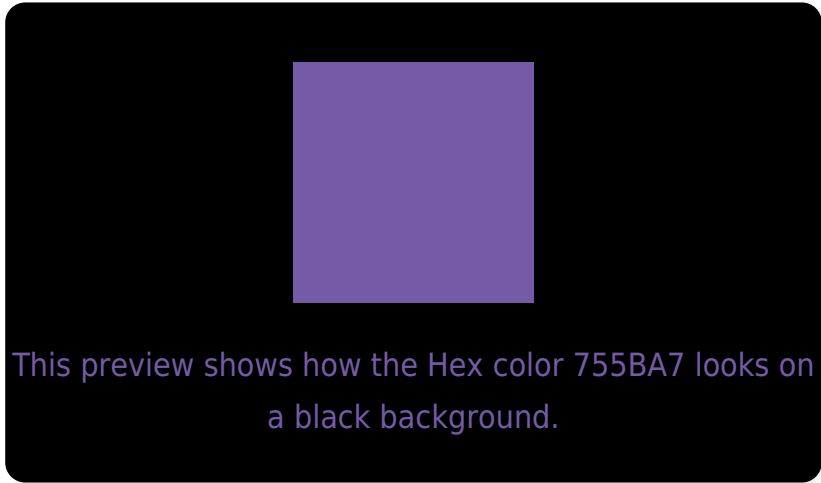
Large Text (above 18pt) WCAG AA ✓ Pass

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 755BA7 Background



This preview shows how black text looks on a background with the Hex color 755BA7.

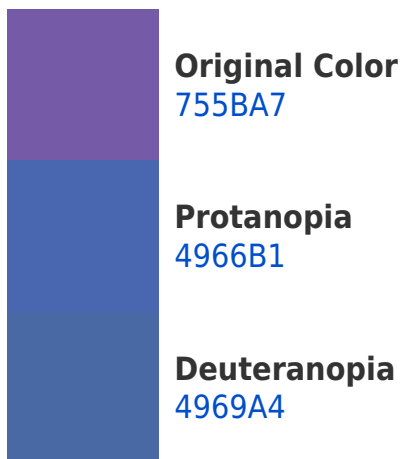



This preview shows how white text looks on a background with the Hex color 755BA7.

# 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](#).

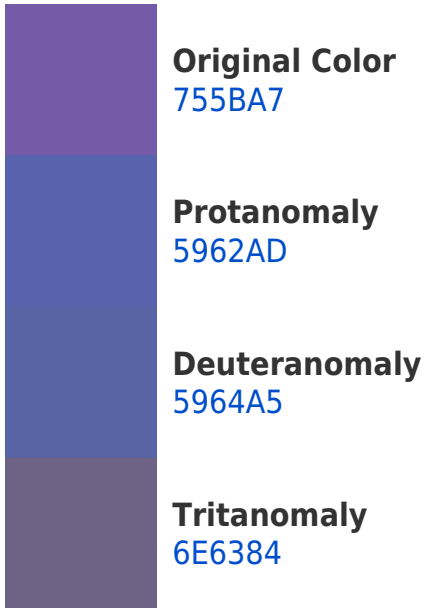
## Dichromacy





**Tritanopia**  
6A6870

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 755BA7 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 #755BA7 looks like.

```
.text, #text, p{  
    color:#755BA7  
}
```

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 #755BA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #755BA7
}
```

## Border

The CSS property to change the border of an element to Hex 755BA7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

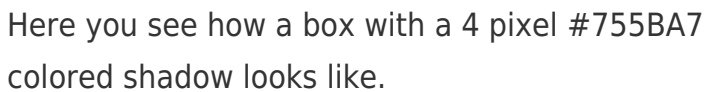
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#755BA7 }
```

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

```
.border{ border-color:#755BA7 }
```

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



Here you see how a box with a 4 pixel `#755BA7` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #755BA7; -webkit-box-shadow:4px 4px  
4px 4px #755BA7; box-shadow:4px 4px 4px  
4px #755BA7 }
```

# Background

The CSS property to change the background color of an element to Hex 755BA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#755BA7 }
```

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

```
.background{ background-color:#755BA7 }
```

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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