

# Converting Colors

Hex(775B94)

Have a look what the booklet for  
Hex(775B94) contains.

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**Color**

**Hex(775B94)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	775B94
RGB	119, 91, 148
RGB Percent	47%, 36%, 58%
CMY	0.5333, 0.6431, 0.4196
CMYK	0.20, 0.39, 0.00, 0.42
HSL	269°, 24%, 47%
HSV	269°, 39%, 58%
XYZ	16.6941, 13.5422, 29.7510
YIQ	105.8700, -1.6090, 23.6630

# Conversions

## Conversions Part 2

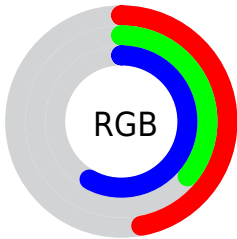
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	119, 91, 148
Decimal	7822228
CIE <sub>Lab</sub>	43.57, 23.25, -27.08
CIE <sub>LCh</sub>	44, 35.688, 310.653
Yxy	13.5422, 0.2783, 0.2258
Android (android.graphics.Color)	4286012308 (0xFF775B94)
YUV	105.8700, 20.7701, 11.5150
Hunter-Lab	36.7998, 16.5765, -22.1735

# Details

The Hex color **775B94** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **78945B**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **AC8ECA**, and **452D61** is the 20% darker color. If you saturate the color by 10%, you get **6F4C94**, and if you desaturate by 10%, it is **7F6A94**.

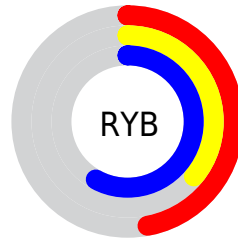
# Distribution



Red (47%)

Green (36%)

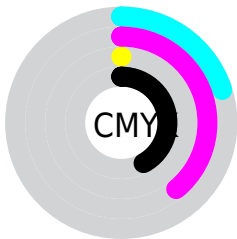
Blue (58%)



Red (47%)

Yellow (36%)

Blue (58%)

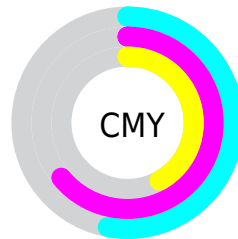


Cyan (20%)

Magenta (39%)

Yellow (0%)

Black (42%)



Cyan (53%)

Magenta (64%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 775B94 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 775B94 by changing the saturation by 10% instead.



■ 775B94

■ 775B94

FFFFFF

■ 5E437A

■ AC8ECA

■ 452D61

■ C8A8E7

■ 2D1749

■ E4C3FF

■ 180032

■ FFDFFF

■ 00021C

■ FFFCFF

■ 000000

■ 775B94

■ 775B94

■ 6F4C94

■ 7F6A94

■ 683D94

■ 867994

602F94

8E8794

592094

959694

511194

9DA594

4A0294

A4B494

490094

ACC394

B3D194

BBE094

# Harmonies

## Analogous

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



4866A1



775B94



93517B

# Triad

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



775B94



885E2F



007671

# Complementary

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



775B94



78945B

# 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.



207552



775B94



6E692A

# Square

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



775B94



9A5442



4E7038



00748D

# Rectangle

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



775B94



9D4E67



4E7038



007667



# Sweetspot

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



775B94



B4A8BF



5B7894



5A5361



E0E0E0



616161



# Same Dimension

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



775B94



9267BF



935B94



46434A



44008A



05000A



# Inverse Universe

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



945B78



BF6794



5C945B



4A4346



8A0046



0A0005



# Previews

## White Background



This preview shows how the Hex color 775B94 looks on a white background.

## Color Contrast Check

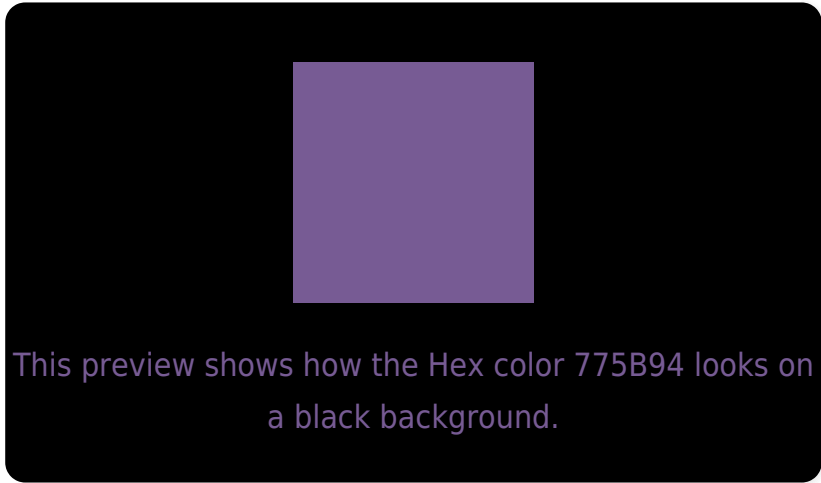
Large Text (above 18pt) WCAG AA ✓ Pass

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

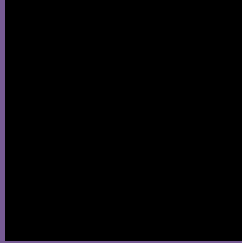
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 775B94 Background



This preview shows how black text looks on a background with the Hex color 775B94.

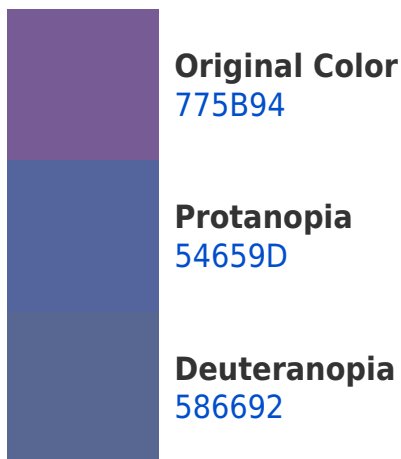


This preview shows how white text looks on a background with the Hex color 775B94.

# 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**  
70646B

# Trichromacy



**Original Color**  
775B94

**Protanomaly**  
61619A

**Deuteranomaly**  
636293

**Tritanomaly**  
73617A

# Monochromacy



**Original Color**  
775B94

**Achromatopsia**  
6A6A6A

**Achromatomaly**  
6F6579

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 775B94 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 #775B94 looks like.

```
.text, #text, p{  
    color:#775B94  
}
```

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 #775B94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #775B94
}
```

## Border

The CSS property to change the border of an element to Hex 775B94 is called "border". The border property can be set on classes, ids or directly on the HTML element.

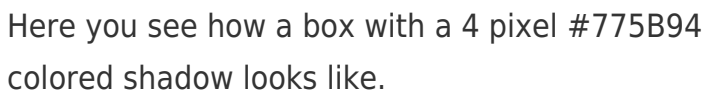
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#775B94 }
```

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

```
.border{ border-color:#775B94 }
```

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



Here you see how a box with a 4 pixel #775B94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #775B94; -webkit-box-shadow:4px 4px  
4px 4px #775B94; box-shadow:4px 4px 4px  
4px #775B94 }
```

# Background

The CSS property to change the background color of an element to Hex 775B94 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#775B94 }
```

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

```
.background{ background-color:#775B94 }
```

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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