

# Converting Colors

Hex(775C80)

Have a look what the booklet for  
Hex(775C80) contains.

<b>Hex(775C80)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(775C80)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	775C80
RGB	119, 92, 128
RGB Percent	47%, 36%, 50%
CMY	0.5333, 0.6392, 0.4980
CMYK	0.07, 0.28, 0.00, 0.50
HSL	285°, 16%, 43%
HSV	285°, 28%, 50%
XYZ	15.3312, 13.1347, 22.1493
YIQ	104.1770, 4.5360, 16.9200

# Conversions

## Conversions Part 2

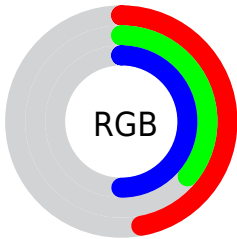
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	119, 92, 128
Decimal	7822464
CIE Lab	42.97, 18.01, -15.96
CIE LCh	43, 24.066, 318.460
Yxy	13.1347, 0.3029, 0.2595
Android (android.graphics.Color)	4286012544 (0xFF775C80)
YUV	104.1770, 11.7447, 12.9998
Hunter-Lab	36.2419, 12.0864, -10.8659

# Details

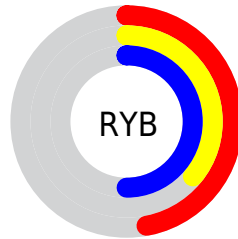
The Hex color **775C80** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **65805C**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **AC8EB5**, and **462E4F** is the 20% darker color. If you saturate the color by 10%, you get **744F80**, and if you desaturate by 10%, it is **7A6980**.

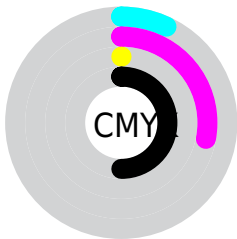
# Distribution



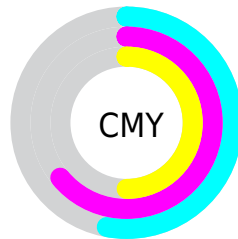
- Red (47%)
- Green (36%)
- Blue (50%)



- Red (47%)
- Yellow (36%)
- Blue (50%)



- Cyan (7%)
- Magenta (28%)
- Yellow (0%)
- Black (50%)



- Cyan (53%)
- Magenta (64%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 775C80 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 775C80 by changing the saturation by 10% instead.



■ 775C80

■ 775C80

FFFFFF

■ 5E4467

■ AC8EB5

■ 462E4F

■ C7A9D0

■ 2F1838

■ E3C4ED

■ 1C0022

■ FFE0FF

■ 000009

■ FFFDFD

■ 000000

■ 775C80

■ 775C80

■ 744F80

■ 7A6980

■ 714280

■ 7D7680

6D3680

818280

6A2980

848F80

671C80

879C80

640F80

8AA980

610280

8DB680

600080

91C280

94CF80

# Harmonies

## Analogous

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



5D638B



775C80



87576E

# Triad

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



775C80



7A623F



207071

# Complementary

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



775C80



65805C

# 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.



37705D



775C80



66683F

# Square

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



775C80



875B49



506D4A



206E83

# Rectangle

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



775C80



8C5660



506D4A



27706B



# Sweetspot

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



775C80



A298A6



5C6580



524C54



D4D4D4



545454



# Same Dimension

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



775C80



986DA6



805C77



3E3940



600080



000000



# Inverse Universe

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



805C65



A66D7B



5C8065



40393B



800020

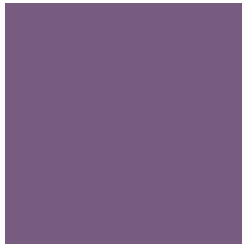


000000



# Previews

## White Background



This preview shows how the Hex color 775C80 looks on a white background.

## Color Contrast Check

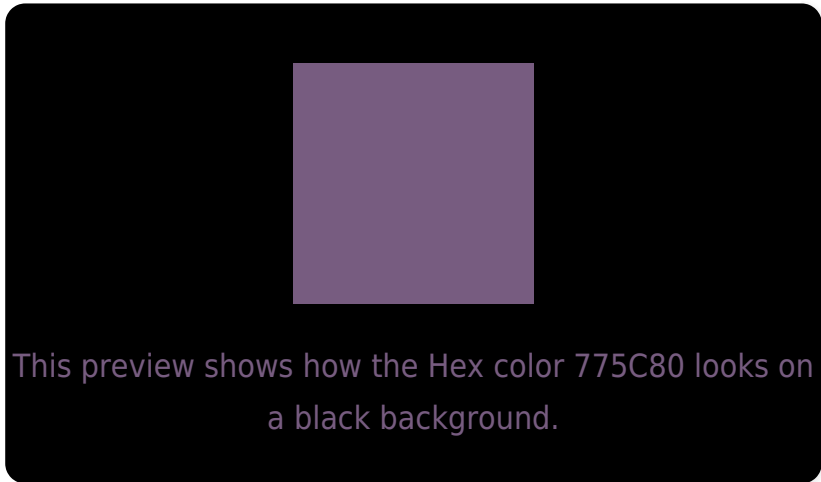
Large Text (above 18pt) WCAG AA ✓ Pass

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

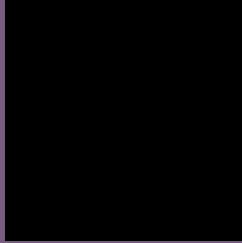
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 775C80 Background



This preview shows how black text looks on a background with the Hex color 775C80.



This preview shows how white text looks on a background with the Hex color 775C80.

# 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



**Original Color**  
775C80

**Protanopia**  
5C6486

**Deuteranopia**  
63647F



**Tritanopia**  
736168

# Trichromacy



**Original Color**  
775C80

**Protanomaly**  
666184

**Deuteranomaly**  
6A617F

**Tritanomaly**  
745F71

# Monochromacy



**Original Color**  
775C80

**Achromatopsia**  
686868

**Achromatomaly**  
6D6471

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 775C80 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 #775C80 looks like.

```
.text, #text, p{  
    color:#775C80  
}
```

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 #775C80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #775C80
}
```

## Border

The CSS property to change the border of an element to Hex 775C80 is called "border". The border property can be set on classes, ids or directly on the HTML element.

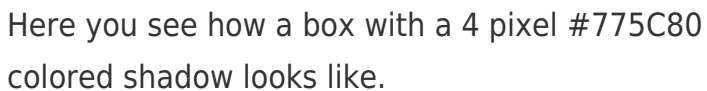
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#775C80 }
```

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

```
.border{ border-color:#775C80 }
```

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



Here you see how a box with a 4 pixel #775C80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #775C80; -webkit-box-shadow:4px 4px  
4px 4px #775C80; box-shadow:4px 4px 4px  
4px #775C80 }
```

# Background

The CSS property to change the background color of an element to Hex 775C80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#775C80 }
```

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

```
.background{ background-color:#775C80 }
```

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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