

# Converting Colors

Hex(7C5B88)

Have a look what the booklet for  
Hex(7C5B88) contains.

<b>Hex(7C5B88)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(7C5B88)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7C5B88
RGB	124, 91, 136
RGB Percent	49%, 36%, 53%
CMY	0.5137, 0.6431, 0.4667
CMYK	0.09, 0.33, 0.00, 0.47
HSL	284°, 20%, 45%
HSV	284°, 33%, 53%
XYZ	16.4972, 13.5448, 25.0375
YIQ	105.9970, 5.2230, 20.9910

# Conversions

## Conversions Part 2

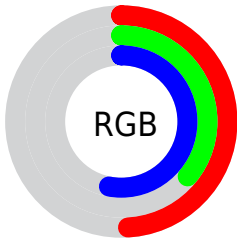
<b>Format</b>	<b>Color</b>
<b>RYB</b>	124, 91, 136
Decimal	8149896
CIELab	43.57, 22.13, -19.82
CIELCh	44, 29.705, 318.153
Yxy	13.5448, 0.2995, 0.2459
Android (android.graphics.Color)	4286339976 (0xFF7C5B88)
YUV	105.9970, 14.7915, 15.7886
Hunter-Lab	36.8033, 15.6074, -14.5730

# Details

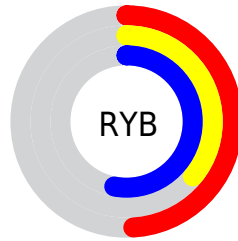
The Hex color **7C5B88** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **67885B**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **B18EBD**, and **4A2C56** is the 20% darker color. If you saturate the color by 10%, you get **784D88**, and if you desaturate by 10%, it is **806988**.

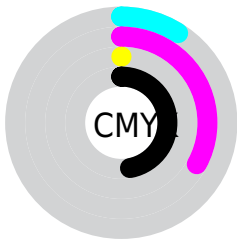
# Distribution



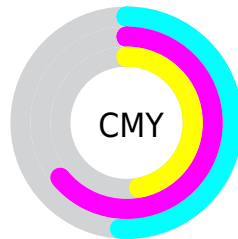
- Red (49%)
- Green (36%)
- Blue (53%)



- Red (49%)
- Yellow (36%)
- Blue (53%)



- Cyan (9%)
- Magenta (33%)
- Yellow (0%)
- Black (47%)



- Cyan (51%)
- Magenta (64%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7C5B88 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 7C5B88 by changing the saturation by 10% instead.



7C5B88

7C5B88

FFFFFF

63436F

B18EBD

4A2C56

CDA8D9

33173F

E9C3F6

1E0029

FFE0FF

000113

FFFCFF

000000

7C5B88

7C5B88

784D88

806988

754088

837688

713288

878488

6D2588

8B9188

6A1788

8E9F88

660988

92AD88

640088

95BA88

99C888

9DD588

# Harmonies

## Analogous

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



5A6496



7C5B88



905472

# Triad

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



7C5B88



7F6236



007475

# Complementary

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



7C5B88



67885B

# 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.



28735C



7C5B88



686A37

# Square

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



7C5B88



905A43



4C7045



00728B

# Rectangle

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



7C5B88



965361



4C7045



00746D



# Sweetspot

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



7C5B88



AB9EB0



5B6788



564F59



D9D9D9



595959



# Same Dimension

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



7C5B88



9D6AB0



885B7E



433E45



610085



040005



# Inverse Universe

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



885B67



B06A7C



5B8866



453E40



850023

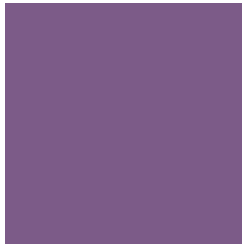


050001



# Previews

## White Background



This preview shows how the Hex color 7C5B88 looks on a white background.

## Color Contrast Check

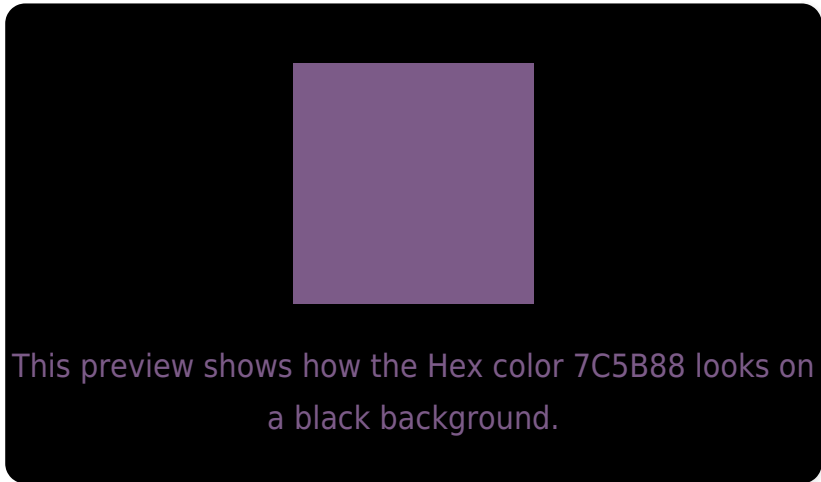
Large Text (above 18pt) WCAG AA ✓ Pass

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

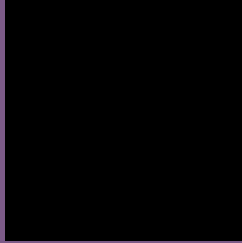
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7C5B88 Background



This preview shows how black text looks on a background with the Hex color 7C5B88.




This preview shows how white text looks on a background with the Hex color 7C5B88.

# 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**  
776169

# Trichromacy



**Original Color**  
7C5B88

**Protanomaly**  
66628D

**Deuteranomaly**  
6B6187

**Tritanomaly**  
795F74

# Monochromacy



**Original Color**  
7C5B88

**Achromatopsia**  
6A6A6A

**Achromatomaly**  
716575

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7C5B88 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 #7C5B88 looks like.

```
.text, #text, p{  
    color:#7C5B88  
}
```

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 #7C5B88 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C5B88
}
```

## Border

The CSS property to change the border of an element to Hex 7C5B88 is called "border". The border property can be set on classes, ids or directly on the HTML element.

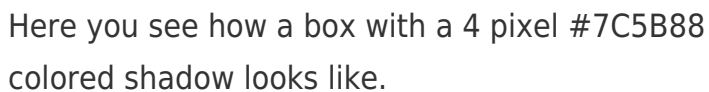
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7C5B88 }
```

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

```
.border{ border-color:#7C5B88 }
```

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



Here you see how a box with a 4 pixel #7C5B88 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C5B88; -webkit-box-shadow:4px 4px  
4px 4px #7C5B88; box-shadow:4px 4px 4px  
4px #7C5B88 }
```

# Background

The CSS property to change the background color of an element to Hex 7C5B88 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C5B88 }
```

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

```
.background{ background-color:#7C5B88 }
```

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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