

# Converting Colors

Hex(7D5C99)

Have a look what the booklet for  
Hex(7D5C99) contains.

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# Color

**Hex(7D5C99)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7D5C99
RGB	125, 92, 153
RGB Percent	49%, 36%, 60%
CMY	0.5098, 0.6392, 0.4000
CMYK	0.18, 0.40, 0.00, 0.40
HSL	272°, 25%, 48%
HSV	272°, 40%, 60%
XYZ	18.0344, 14.3142, 31.9494
YIQ	108.8210, 0.0870, 25.9670

# Conversions

## Conversions Part 2

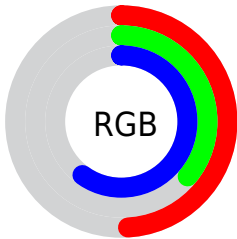
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	125, 92, 153
Decimal	8215705
CIE <sub>Lab</sub>	44.68, 25.76, -28.28
CIE <sub>LCh</sub>	45, 38.256, 312.332
Yxy	14.3142, 0.2805, 0.2226
Android (android.graphics.Color)	4286405785 (0xFF7D5C99)
YUV	108.8210, 21.7802, 14.1890
Hunter-Lab	37.8341, 18.8759, -23.5842

# Details

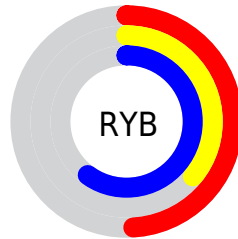
The Hex color **7D5C99** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **78995C**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **B38FD0**, and **4B2D66** is the 20% darker color. If you saturate the color by 10%, you get **764D99**, and if you desaturate by 10%, it is **846B99**.

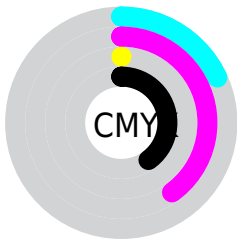
# Distribution



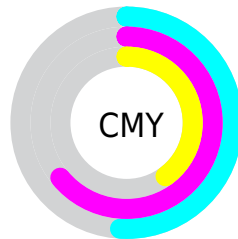
- Red (49%)
- Green (36%)
- Blue (60%)



- Red (49%)
- Yellow (36%)
- Blue (60%)



- Cyan (18%)
- Magenta (40%)
- Yellow (0%)
- Black (40%)



- Cyan (51%)
- Magenta (64%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7D5C99 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 7D5C99 by changing the saturation by 10% instead.



7D5C99

7D5C99

FFFFFF

63447F

B38FD0

4B2D66

CEA9EC

32174D

EBC5FF

1C0036

FFE1FF

000020

FFFEFF

000005

000000

7D5C99

7D5C99

764D99

846B99

 6F3D99

 8B7B99

 682E99

 928A99

 611F99

 999999

 5A0F99

 A0A999

 530099

 A7B899

 AEC799

 B5D699

 BCE699

# Harmonies

## Analogous

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



4A69A8



7D5C99



9B517E

# Triad

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



7D5C99



8C612C



007A76

# Complementary

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



7D5C99



78995C

# 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.



137855



7D5C99



6F6C28

# Square

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



7D5C99



9F5540



4C7439



007894

# Rectangle

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



7D5C99



A44E68



4C7439



007A6B



# Sweetspot

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



7D5C99



BCAFC7



5C7899



5D5663



E3E3E3



636363



# Same Dimension

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



7D5C99



9B67C7



995C97



49454D



4C008C



07000D



# Inverse Universe

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



995C78



C76793



5C995E



4D4548



8C0040

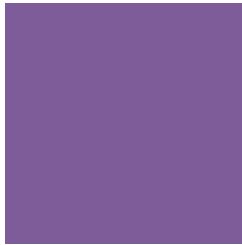


0D0006



# Previews

## White Background



This preview shows how the Hex color 7D5C99 looks on a white background.

## Color Contrast Check

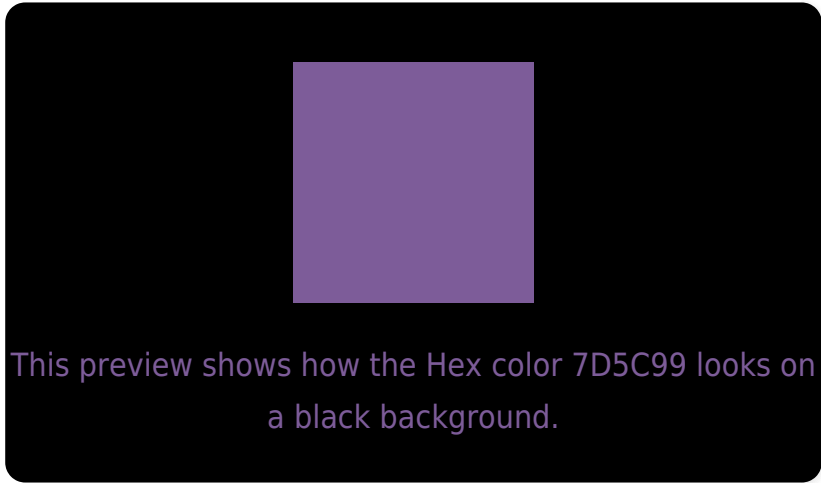
Large Text (above 18pt) WCAG AA ✓ Pass

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

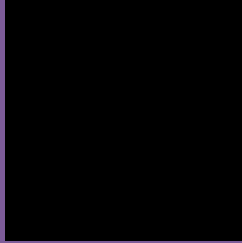
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7D5C99 Background



This preview shows how black text looks on a background with the Hex color 7D5C99.




This preview shows how white text looks on a background with the Hex color 7D5C99.

# 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**  
76656D

# Trichromacy



**Original Color**  
7D5C99

**Protanomaly**  
64649F

**Deuteranomaly**  
666497

**Tritanomaly**  
79627D

# Monochromacy



**Original Color**  
7D5C99

**Achromatopsia**  
6D6D6D

**Achromatomaly**  
73677D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7D5C99 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 #7D5C99 looks like.

```
.text, #text, p{  
    color:#7D5C99  
}
```

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 #7D5C99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D5C99
}
```

## Border

The CSS property to change the border of an element to Hex 7D5C99 is called "border". The border property can be set on classes, ids or directly on the HTML element.

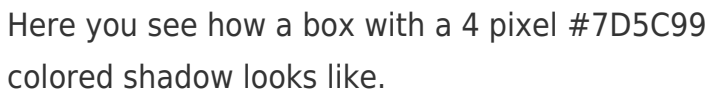
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7D5C99 }
```

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

```
.border{ border-color:#7D5C99 }
```

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



Here you see how a box with a 4 pixel #7D5C99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D5C99; -webkit-box-shadow:4px 4px  
4px 4px #7D5C99; box-shadow:4px 4px 4px  
4px #7D5C99 }
```

# Background

The CSS property to change the background color of an element to Hex 7D5C99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D5C99 }
```

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

```
.background{ background-color:#7D5C99 }
```

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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