

# Converting Colors

Hex(7D6791)

Have a look what the booklet for  
Hex(7D6791) contains.

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# Color

**Hex(7D6791)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7D6791
RGB	125, 103, 145
RGB Percent	49%, 40%, 57%
CMY	0.5098, 0.5961, 0.4314
CMYK	0.14, 0.29, 0.00, 0.43
HSL	271°, 17%, 49%
HSV	271°, 29%, 57%
XYZ	18.4185, 16.1048, 28.9258
YIQ	114.3660, -0.3700, 17.7260

# Conversions

## Conversions Part 2

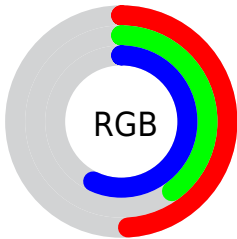
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	125, 103, 145
Decimal	8218513
CIE <sub>Lab</sub>	47.11, 17.31, -19.76
CIE <sub>LCh</sub>	47, 26.265, 311.219
Yxy	16.1048, 0.2903, 0.2538
Android (android.graphics.Color)	4286408593 (0xFF7D6791)
YUV	114.3660, 15.1026, 9.3260
Hunter-Lab	40.1308, 11.6959, -14.6440

# Details

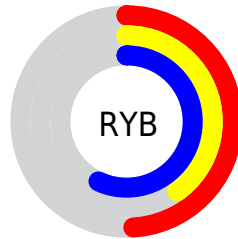
The Hex color **7D6791** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7B9167**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **B29AC7**, and **4B385E** is the 20% darker color. If you saturate the color by 10%, you get **765991**, and if you desaturate by 10%, it is **847691**.

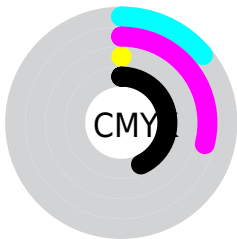
# Distribution



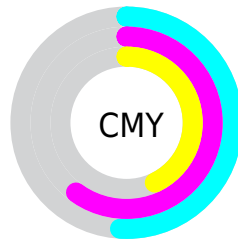
- Red (49%)
- Green (40%)
- Blue (57%)



- Red (49%)
- Yellow (40%)
- Blue (57%)



- Cyan (14%)
- Magenta (29%)
- Yellow (0%)
- Black (43%)



- Cyan (51%)
- Magenta (60%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7D6791 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 7D6791 by changing the saturation by 10% instead.



7D6791

7D6791

FFFFFF

644F77

B29AC7

4B385E

CEB5E3

342247

EAD1FF

1E0D30

FFEDFF

00001B

000000

7D6791

7D6791

765991

847691

6F4A91

8B8491

683C91

929391

612D91

99A191

5A1F91

A0B091

541091

A6BE91

4D0291

ADCD91

4C0091

B4DB91

BBEA91

# Harmonies

## Analogous

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



5E6F9B



7D6791



92617E

# Triad

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



7D6791



8A6A46



277C78

# Complementary

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



7D6791



7B9167

# 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.



437B61



7D6791



767144

# Square

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



7D6791



986254



5E774E



1C7A8C

# Rectangle

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



7D6791



995F70



5E774E



307C70



# Sweetspot

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



7D6791



B5ACBD



677B91



59545E



DEDEDE



5E5E5E



# Same Dimension

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



7D6791



9D7BBD



916790



444047



470087



040008



# Inverse Universe

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



91677B



BD7B9A



679168



474044



870040

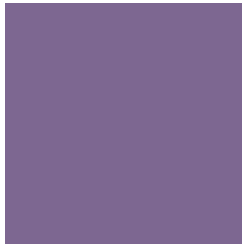


080004



# Previews

## White Background



This preview shows how the Hex color 7D6791 looks on a white background.

## Color Contrast Check

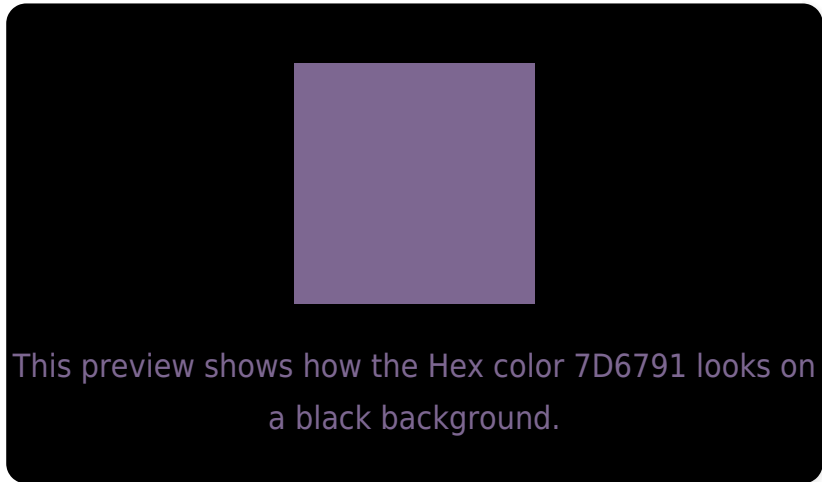
Large Text (above 18pt) WCAG AA ✓ Pass

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

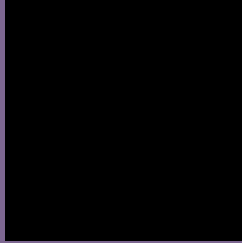
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7D6791 Background



This preview shows how black text looks on a background with the Hex color 7D6791.



This preview shows how white text looks on a background with the Hex color 7D6791.

# 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**  
7D6791

**Protanopia**  
646E97

**Deuteranopia**  
6A6E90



**Tritanopia**  
786C75

# Trichromacy



**Original Color**  
7D6791

**Protanomaly**  
6D6B95

**Deuteranomaly**  
716B90

**Tritanomaly**  
7A6A7F

# Monochromacy



**Original Color**  
7D6791

**Achromatopsia**  
727272

**Achromatomaly**  
766E7D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7D6791 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 #7D6791 looks like.

```
.text, #text, p{  
    color:#7D6791  
}
```

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 #7D6791 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D6791
}
```

## Border

The CSS property to change the border of an element to Hex 7D6791 is called "border". The border property can be set on classes, ids or directly on the HTML element.

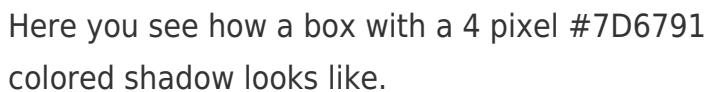
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7D6791 }
```

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

```
.border{ border-color:#7D6791 }
```

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



Here you see how a box with a 4 pixel #7D6791 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D6791; -webkit-box-shadow:4px 4px  
4px 4px #7D6791; box-shadow:4px 4px 4px  
4px #7D6791 }
```

# Background

The CSS property to change the background color of an element to Hex 7D6791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D6791 }
```

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

```
.background{ background-color:#7D6791 }
```

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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