

# Converting Colors

Hex(7A516D)

Have a look what the booklet for  
Hex(7A516D) contains.

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# Color

**Hex(7A516D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7A516D
RGB	122, 81, 109
RGB Percent	48%, 32%, 43%
CMY	0.5216, 0.6824, 0.5725
CMYK	0.00, 0.34, 0.11, 0.52
HSL	319°, 20%, 40%
HSV	319°, 34%, 48%
XYZ	13.7288, 11.1266, 15.8921
YIQ	96.4510, 15.4480, 17.4000

# Conversions

## Conversions Part 2

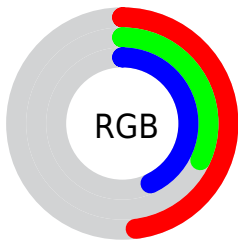
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	122, 81, 109
Decimal	8016237
CIE <sub>Lab</sub>	39.79, 21.86, -9.11
CIE <sub>LCh</sub>	40, 23.677, 337.378
Yxy	11.1266, 0.3369, 0.2731
Android (android.graphics.Color)	4286206317 (0xFF7A516D)
YUV	96.4510, 6.1867, 22.4065
Hunter-Lab	33.3565, 15.0927, -4.8980

# Details

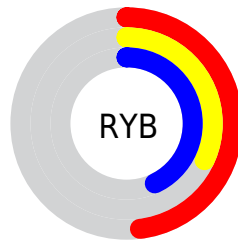
The Hex color **7A516D** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **517A5E**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **AF83A1**, and **48233E** is the 20% darker color. If you saturate the color by 10%, you get **7A4569**, and if you desaturate by 10%, it is **7A5D71**.

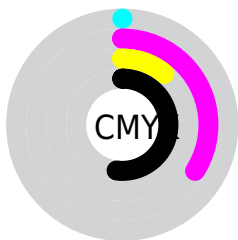
# Distribution



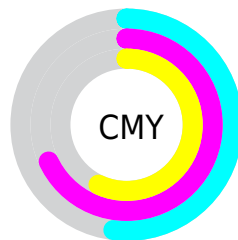
- Red (48%)
- Green (32%)
- Blue (43%)



- Red (48%)
- Yellow (32%)
- Blue (43%)



- Cyan (0%)
- Magenta (34%)
- Yellow (11%)
- Black (52%)



- Cyan (52%)
- Magenta (68%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A516D 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 7A516D by changing the saturation by 10% instead.





7A516D



7A516D

FFFFFF



613A55



AF83A1



48233E



CB9DBC



310D28



E7B8D7



1F0014



FFD4F4



000000



FFF0FF



7A516D



7A516D



7A4569



7A5D71



7A3965



7A6975

 7A2C61

 7A7679

 7A205E

 7A827C

 7A145A

 7A8E80

 7A0856

 7A9A84

 7A0053

 7AA688

 7AB38C

 7ABF90

# Harmonies

## Analogous

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



66577C



7A516D



834F5A

# Triad

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



7A516D



665E37



116775

# Complementary

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



7A516D



517A5E

# 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.



206862



7A516D



51643E

# Square

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



7A516D



77583A



3A674E



296481

# Rectangle

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



7A516D



83504D



3A674E



12686F



# Sweetspot

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



7A516D



9E8E99



5E517A



4F464C



CFCFCF



4F4F4F



# Same Dimension

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



7A516D



9E5F8A



7A5159



3D373B



7D0055



FC00AC



# Inverse Universe

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



7A516D



9E5F8A



517A72



3D373B



7D0055

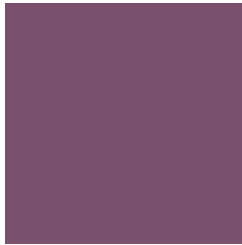


FC00AC



# Previews

## White Background



This preview shows how the Hex color 7A516D looks on a white background.

## Color Contrast Check

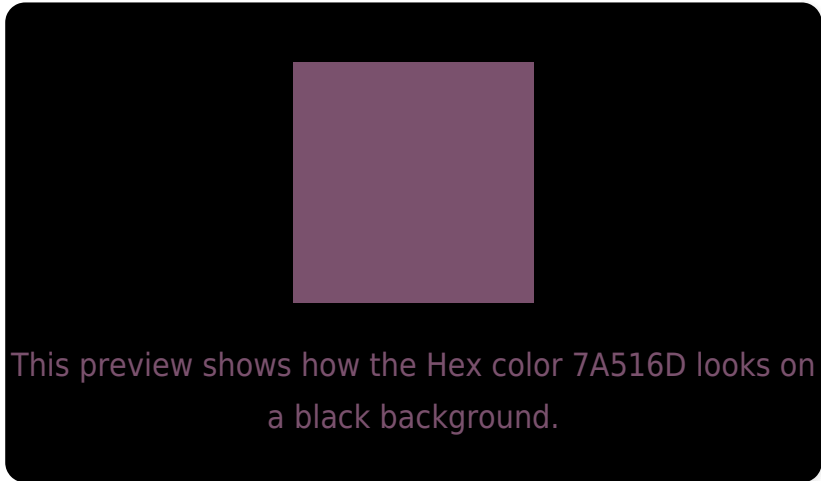
Large Text (above 18pt) WCAG AA ✓ Pass

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

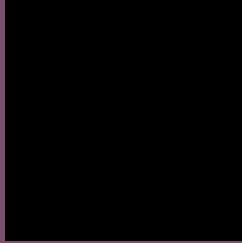
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7A516D Background



This preview shows how black text looks on a background with the Hex color 7A516D.



This preview shows how white text looks on a background with the Hex color 7A516D.

# 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**  
7A516D

**Protanopia**  
585D75

**Deuteranopia**  
615C6B



**Tritanopia**  
78545B

# Trichromacy



**Original Color**  
7A516D

**Protanomaly**  
645972

**Deuteranomaly**  
6A586C

**Tritanomaly**  
795362

# Monochromacy



**Original Color**  
7A516D

**Achromatopsia**  
606060

**Achromatomaly**  
695B65

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A516D 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 #7A516D looks like.

```
.text, #text, p{  
    color:#7A516D  
}
```

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 #7A516D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A516D
}
```

## Border

The CSS property to change the border of an element to Hex 7A516D is called "border". The border property can be set on classes, ids or directly on the HTML element.

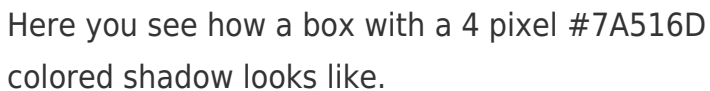
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A516D }
```

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

```
.border{ border-color:#7A516D }
```

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



Here you see how a box with a 4 pixel #7A516D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A516D; -webkit-box-shadow:4px 4px  
4px 4px #7A516D; box-shadow:4px 4px 4px  
4px #7A516D }
```

# Background

The CSS property to change the background color of an element to Hex 7A516D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A516D }
```

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

```
.background{ background-color:#7A516D }
```

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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