

# Converting Colors

Hex(7F516B)

Have a look what the booklet for  
Hex(7F516B) contains.

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**Color**

**Hex(7F516B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7F516B
RGB	127, 81, 107
RGB Percent	50%, 32%, 42%
CMY	0.5020, 0.6824, 0.5804
CMYK	0.00, 0.36, 0.16, 0.50
HSL	326°, 22%, 41%
HSV	326°, 36%, 50%
XYZ	14.3487, 11.4584, 15.3654
YIQ	97.7180, 19.0700, 17.8380

# Conversions

## Conversions Part 2

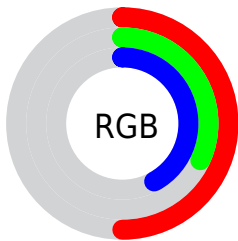
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	127, 81, 107
Decimal	8343915
CIE Lab	40.34, 23.38, -6.98
CIE LCh	40, 24.400, 343.367
Yxy	11.4584, 0.3485, 0.2783
Android (android.graphics.Color)	4286533995 (0xFF7F516B)
YUV	97.7180, 4.5760, 25.6803
Hunter-Lab	33.8503, 16.4257, -3.2178

# Details

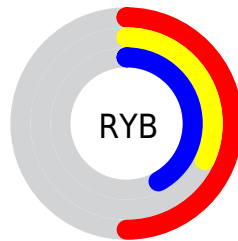
The Hex color **7F516B** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **517F65**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **B5839E**, and **4D233C** is the 20% darker color. If you saturate the color by 10%, you get **7F4465**, and if you desaturate by 10%, it is **7F5E71**.

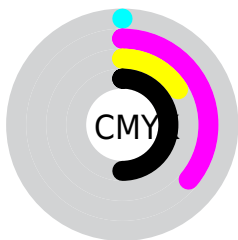
# Distribution



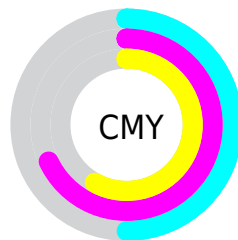
- Red (50%)
- Green (32%)
- Blue (42%)



- Red (50%)
- Yellow (32%)
- Blue (42%)



- Cyan (0%)
- Magenta (36%)
- Yellow (16%)
- Black (50%)



- Cyan (50%)
- Magenta (68%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7F516B 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 7F516B by changing the saturation by 10% instead.



7F516B

7F516B

FFFFFF

653953

B5839E

4D233C

D09DB9

350D26

EDB8D5

230012

FFD4F1

000000

FFF1FF

7F516B

7F516B

7F4465

7F5E71

7F3860

7F6A76

 7F2B5A

 7F777C

 7F1E55

 7F8481

 7F114F

 7F9187

 7F054A

 7F9D8C

 7F0048

 7FAA92

 7FB797

 7FC39D

# Harmonies

## Analogous

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



6D577C



7F516B



865057

# Triad

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



7F516B



636138



0F687A

# Complementary

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



7F516B



517F65

# 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.



186A68



7F516B



4D6641

# Square

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



7F516B



765A39



346953



2F6485

# Rectangle

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



7F516B



85524A



346953



0B6974



# Sweetspot

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



7F516B



A6949E



65517F



54494F



D4D4D4



545454



# Same Dimension

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



7F516B



A65E87



7F5154



40393D



800048



000000



# Inverse Universe

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



7F516B



A65E87



517F7C



40393D



800048

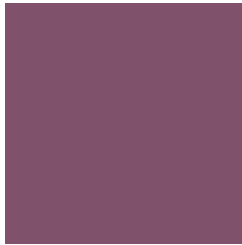


000000



# Previews

## White Background



This preview shows how the Hex color 7F516B looks on a white background.

## Color Contrast Check

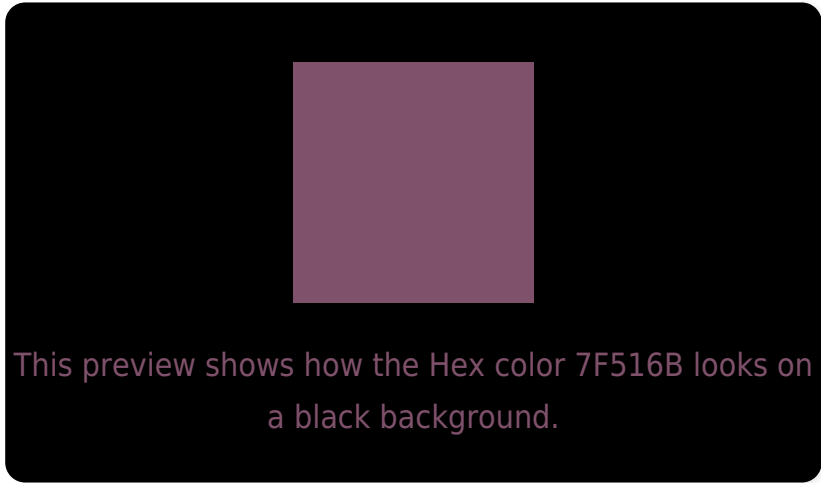
Large Text (above 18pt) WCAG AA ✓ Pass

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

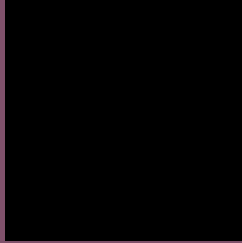
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7F516B Background



This preview shows how black text looks on a background with the Hex color 7F516B.



This preview shows how white text looks on a background with the Hex color 7F516B.

# 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**  
7F516B

**Protanopia**  
5B5F74

**Deuteranopia**  
645D69



**Tritanopia**  
7D545A

# Trichromacy



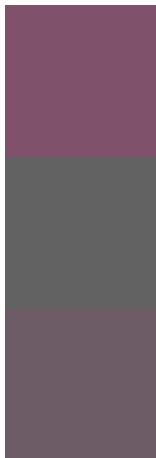
**Original Color**  
7F516B

**Protanomaly**  
685A71

**Deuteranomaly**  
6E596A

**Tritanomaly**  
7E5360

# Monochromacy



**Original Color**  
7F516B

**Achromatopsia**  
626262

**Achromatomaly**  
6D5C65

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7F516B 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 #7F516B looks like.

```
.text, #text, p{  
    color:#7F516B  
}
```

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 #7F516B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F516B
}
```

## Border

The CSS property to change the border of an element to Hex 7F516B is called "border". The border property can be set on classes, ids or directly on the HTML element.

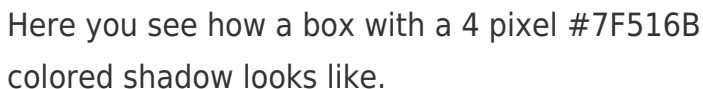
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7F516B }
```

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

```
.border{ border-color:#7F516B }
```

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



Here you see how a box with a 4 pixel #7F516B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F516B; -webkit-box-shadow:4px 4px  
4px 4px #7F516B; box-shadow:4px 4px 4px  
4px #7F516B }
```

# Background

The CSS property to change the background color of an element to Hex 7F516B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F516B }
```

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

```
.background{ background-color:#7F516B }
```

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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