

# Converting Colors

Hex(7F506A)

Have a look what the booklet for  
Hex(7F506A) contains.

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**Color**

**Hex(7F506A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7F506A
RGB	127, 80, 106
RGB Percent	50%, 31%, 42%
CMY	0.5020, 0.6863, 0.5843
CMYK	0.00, 0.37, 0.17, 0.50
HSL	327°, 23%, 41%
HSV	327°, 37%, 50%
XYZ	14.2226, 11.2900, 15.0652
YIQ	97.0170, 19.6660, 18.0500

# Conversions

## Conversions Part 2

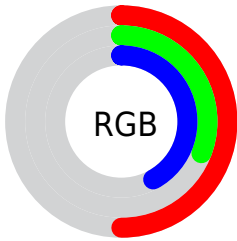
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	127, 80, 106
Decimal	8343658
CIE <sub>Lab</sub>	40.06, 23.79, -6.78
CIE <sub>LCh</sub>	40, 24.740, 344.094
Yxy	11.2900, 0.3505, 0.2782
Android (android.graphics.Color)	4286533738 (0xFF7F506A)
YUV	97.0170, 4.4286, 26.2951
Hunter-Lab	33.6005, 16.7553, -3.0631

# Details

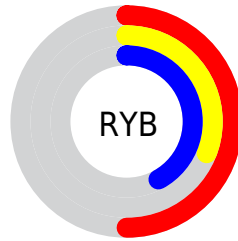
The Hex color **7F506A** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **507F65**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **B5829D**, and **4D223B** is the 20% darker color. If you saturate the color by 10%, you get **7F4364**, and if you desaturate by 10%, it is **7F5D70**.

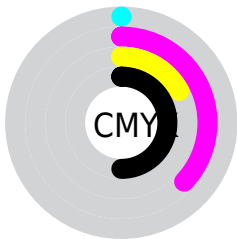
# Distribution



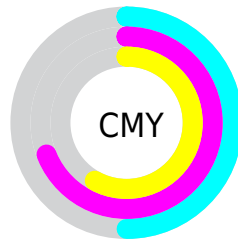
- Red (50%)
- Green (31%)
- Blue (42%)



- Red (50%)
- Yellow (31%)
- Blue (42%)



- Cyan (0%)
- Magenta (37%)
- Yellow (17%)
- Black (50%)



- Cyan (50%)
- Magenta (69%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7F506A 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 7F506A by changing the saturation by 10% instead.



 7F506A

 7F506A

FFFFFF

 653852

 B5829D

 4D223B

 D19CB8

 350B25

 EDB7D4

 230011

 FFD3F0

 000000

 FFF0FF

 7F506A

 7F506A

 7F4364

 7F5D70

 7F375F

 7F6975

■ 7F2A59

■ 7F767B

■ 7F1D53

■ 7F8381

■ 7F104E

■ 7F9086

■ 7F0448

■ 7F9C8C

■ 7F0046

■ 7FA992

■ 7FB697

■ 7FC29D

# Harmonies

## Analogous

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



6D567C



7F506A



864F56

# Triad

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



7F506A



626037



09687A

# Complementary

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



7F506A



507F65

# 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.



146968



7F506A



4C6541

# Square

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



7F506A



755938



326853



2E6485

# Rectangle

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



7F506A



845149



326853



056874



# Sweetspot

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



7F506A



A6949E



64507F



54494F



D4D4D4



545454



# Same Dimension

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



7F506A



A65D85



7F5053



40393D



800047



000000



# Inverse Universe

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



7F506A



A65D85



507F7C



40393D



800047

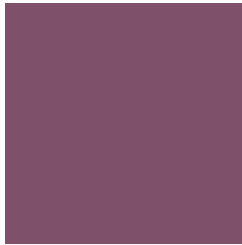


000000



# Previews

## White Background



This preview shows how the Hex color 7F506A looks on a white background.

## Color Contrast Check

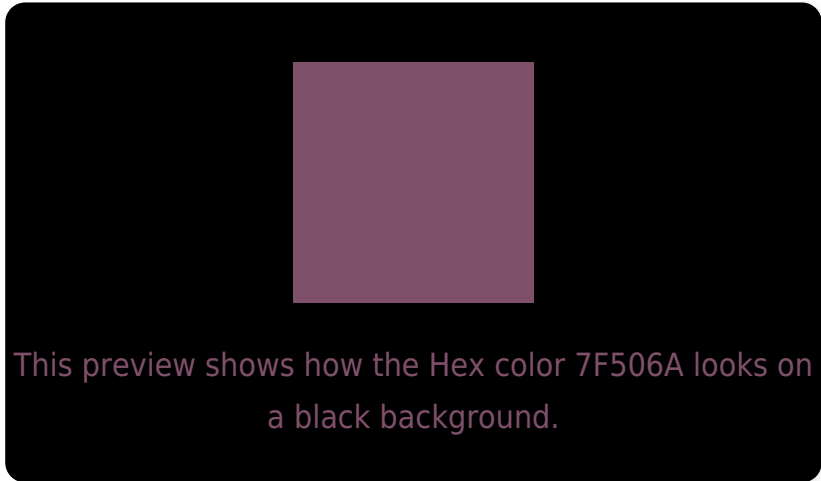
Large Text (above 18pt) WCAG AA ✓ Pass

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

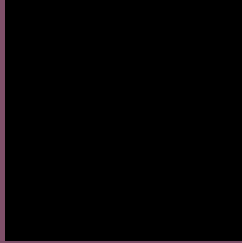
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7F506A Background



This preview shows how black text looks on a background with the Hex color 7F506A.



This preview shows how white text looks on a background with the Hex color 7F506A.

# 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**  
7F506A

**Protanopia**  
5A5E73

**Deuteranopia**  
645C68



**Tritanopia**  
7D5359

# Trichromacy



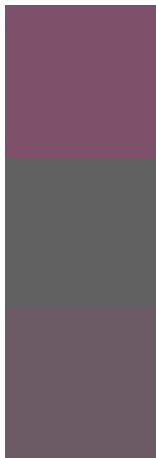
**Original Color**  
7F506A

**Protanomaly**  
675970

**Deuteranomaly**  
6E5869

**Tritanomaly**  
7E525F

# Monochromacy



**Original Color**  
7F506A

**Achromatopsia**  
616161

**Achromatomaly**  
6C5B64

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7F506A 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 #7F506A looks like.

```
.text, #text, p{  
    color:#7F506A  
}
```

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 #7F506A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F506A
}
```

## Border

The CSS property to change the border of an element to Hex 7F506A is called "border". The border property can be set on classes, ids or directly on the HTML element.

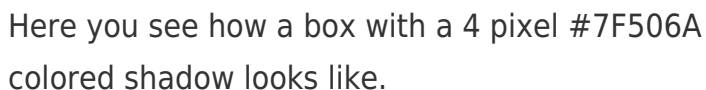
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7F506A }
```

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

```
.border{ border-color:#7F506A }
```

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



Here you see how a box with a 4 pixel #7F506A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F506A; -webkit-box-shadow:4px 4px  
4px 4px #7F506A; box-shadow:4px 4px 4px  
4px #7F506A }
```

# Background

The CSS property to change the background color of an element to Hex 7F506A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F506A }
```

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

```
.background{ background-color:#7F506A }
```

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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