

# Converting Colors

Hex(76507A)

Have a look what the booklet for  
Hex(76507A) contains.

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**Color**

**Hex(76507A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	76507A
RGB	118, 80, 122
RGB Percent	46%, 31%, 48%
CMY	0.5373, 0.6863, 0.5216
CMYK	0.03, 0.34, 0.00, 0.52
HSL	294°, 21%, 40%
HSV	294°, 34%, 48%
XYZ	13.8527, 10.9940, 19.8043
YIQ	96.1500, 9.1660, 21.1180

# Conversions

## Conversions Part 2

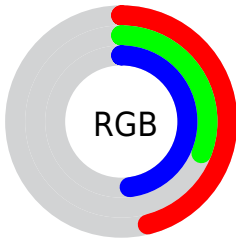
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	118, 80, 122
Decimal	7753850
CIE <sub>Lab</sub>	39.57, 23.60, -17.51
CIE <sub>LCh</sub>	40, 29.386, 323.434
Yxy	10.9940, 0.3102, 0.2462
Android (android.graphics.Color)	4285943930 (0xFF76507A)
YUV	96.1500, 12.7441, 19.1625
Hunter-Lab	33.1572, 16.5502, -12.2029

# Details

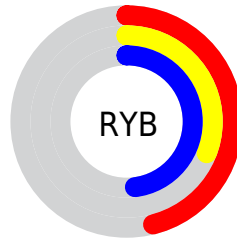
The Hex color **76507A** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **547A50**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **AB82AF**, and **452249** is the 20% darker color. If you saturate the color by 10%, you get **75447A**, and if you desaturate by 10%, it is **775C7A**.

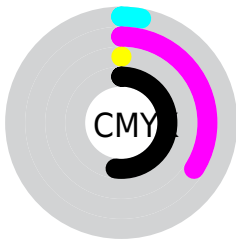
# Distribution



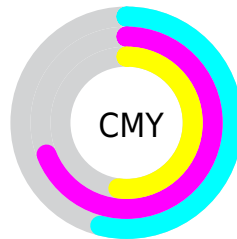
- Red (46%)
- Green (31%)
- Blue (48%)



- Red (46%)
- Yellow (31%)
- Blue (48%)



- Cyan (3%)
- Magenta (34%)
- Yellow (0%)
- Black (52%)



- Cyan (54%)
- Magenta (69%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 76507A 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 76507A by changing the saturation by 10% instead.



 76507A

 76507A

FFFFFF

 5D3961

 AB82AF

 452249

 C69CCA

 2D0C32

 E3B7E6

 1C001E

 FFD3FF

 000000

 FFEFFF

 76507A

 76507A

 75447A

 775C7A

 74387A

 78687A

732B7A

79757A

711F7A

7B817A

70137A

7C8D7A

6F077A

7D997A

6E007A

7EA57A

7FB27A

80BE7A

# Harmonies

## Analogous

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



575989



76507A



874A64

# Triad

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



76507A



715A2D



00696F

# Complementary

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



76507A



547A50

# 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.



136957



76507A



596230

# Square

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



76507A



825138



3D6740



006783

# Rectangle

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



76507A



8B4A53



3D6740



006A68



# Sweetspot

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



76507A



9D8E9E



50547A



4E464F



CFCFCF



4F4F4F



# Same Dimension

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



76507A



985D9E



7A5069



3D373D



71007D



E400FC



# Inverse Universe

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



7A5054



9E5D63



507A61



3D3738



7D000C

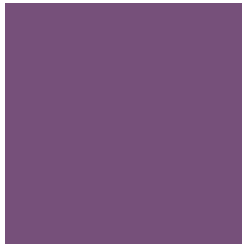


FC0018



# Previews

## White Background



This preview shows how the Hex color 76507A looks on a white background.

## Color Contrast Check

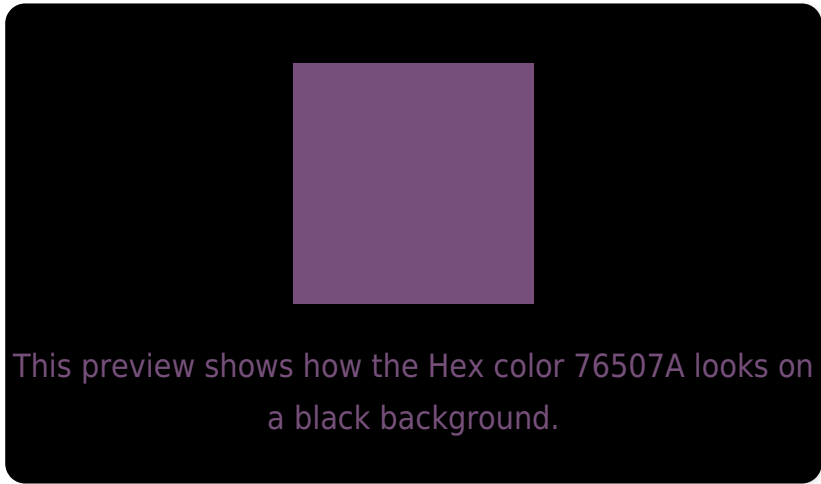
Large Text (above 18pt) WCAG AA ✓ Pass

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

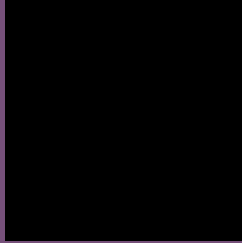
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 76507A Background



This preview shows how black text looks on a background with the Hex color 76507A.

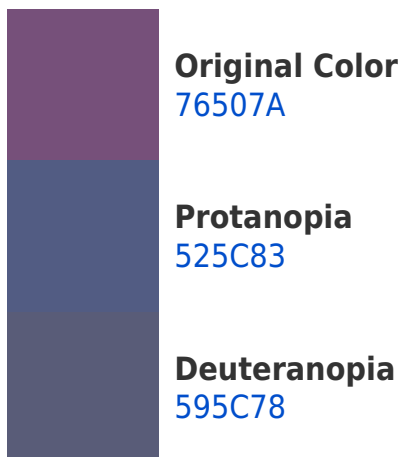



This preview shows how white text looks on a background with the Hex color 76507A.

# 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**  
72565D

# Trichromacy



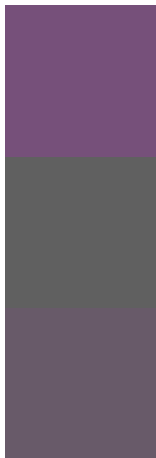
**Original Color**  
76507A

**Protanomaly**  
5F5880

**Deuteranomaly**  
645879

**Tritanomaly**  
735468

# Monochromacy



**Original Color**  
76507A

**Achromatopsia**  
606060

**Achromatomaly**  
685A69

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 76507A 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 #76507A looks like.

```
.text, #text, p{  
    color:#76507A  
}
```

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 #76507A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76507A
}
```

## Border

The CSS property to change the border of an element to Hex 76507A is called "border". The border property can be set on classes, ids or directly on the HTML element.

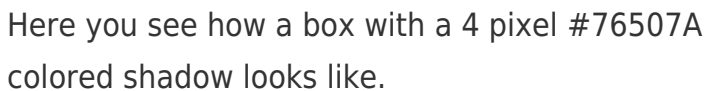
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#76507A }
```

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

```
.border{ border-color:#76507A }
```

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



Here you see how a box with a 4 pixel #76507A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76507A; -webkit-box-shadow:4px 4px  
4px 4px #76507A; box-shadow:4px 4px 4px  
4px #76507A }
```

# Background

The CSS property to change the background color of an element to Hex 76507A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76507A }
```

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

```
.background{ background-color:#76507A }
```

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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