

# Converting Colors

Hex(7A6684)

Have a look what the booklet for  
Hex(7A6684) contains.

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# Color

**Hex(7A6684)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7A6684
RGB	122, 102, 132
RGB Percent	48%, 40%, 52%
CMY	0.5216, 0.6000, 0.4824
CMYK	0.08, 0.23, 0.00, 0.48
HSL	280°, 13%, 46%
HSV	280°, 23%, 52%
XYZ	16.9423, 15.3063, 23.8912
YIQ	111.4000, 2.2900, 13.5700

# Conversions

## Conversions Part 2

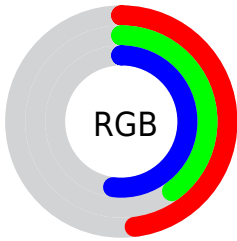
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	122, 102, 132
Decimal	8021636
CIE <sub>Lab</sub>	46.05, 13.93, -13.65
CIE <sub>LCh</sub>	46, 19.503, 315.597
Yxy	15.3063, 0.3018, 0.2726
Android (android.graphics.Color)	4286211716 (0xFF7A6684)
YUV	111.4000, 10.1558, 9.2962
Hunter-Lab	39.1232, 8.8336, -8.8202

# Details

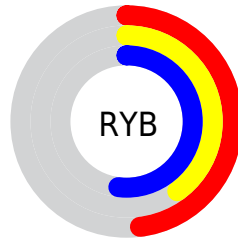
The Hex color **7A6684** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **708466**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **AF99B9**, and **493752** is the 20% darker color. If you saturate the color by 10%, you get **765984**, and if you desaturate by 10%, it is **7E7384**.

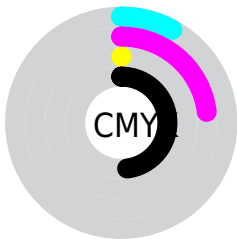
# Distribution



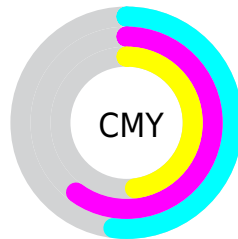
- Red (48%)
- Green (40%)
- Blue (52%)



- Red (48%)
- Yellow (40%)
- Blue (52%)



- Cyan (8%)
- Magenta (23%)
- Yellow (0%)
- Black (48%)



- Cyan (52%)
- Magenta (60%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A6684 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 7A6684 by changing the saturation by 10% instead.



7A6684

7A6684

FFFFFF

614E6B

AF99B9

493752

CAB4D5

32213B

E6CFF1

1D0C26

FFECFF

000110

000000

7A6684

7A6684

765984

7E7384

714C84

838084

6D3E84

878E84

683184

8C9B84

642484

90A884

601784

94B584

5B0A84

99C284

580084

9DD084

A2DD84

# Harmonies

## Analogous

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



656C8C



7A6684



896276

# Triad

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



7A6684



80694E



3E7675

# Complementary

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



7A6684



708466

# 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.



4B7664



7A6684



706F4D

# Square

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



7A6684



8B6456



5E7356



3E7584

# Rectangle

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



7A6684



8D616B



5E7356



417670



# Sweetspot

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



7A6684



A79FAB



667084



545057



D6D6D6



575757



# Same Dimension

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



7A6684



9B7DAB



846680



403C42



570082



020003



# Inverse Universe

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



846670



AB7D8C



66846B



423C3E



82002B



030001



# Previews

## White Background



This preview shows how the Hex color 7A6684 looks on a white background.

## Color Contrast Check

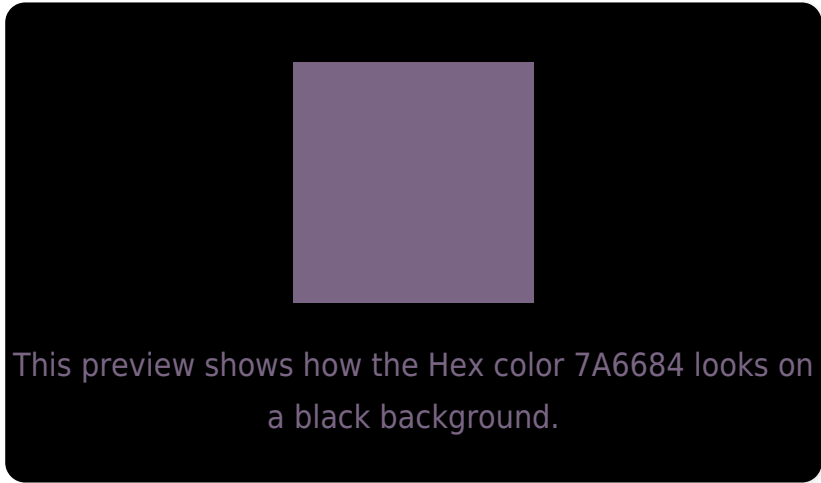
Large Text (above 18pt) WCAG AA ✓ Pass

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

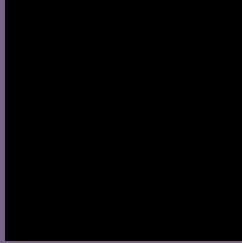
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7A6684 Background



This preview shows how black text looks on a background with the Hex color 7A6684.



This preview shows how white text looks on a background with the Hex color 7A6684.

# 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**


7A6684

**Protanopia**

666C88

**Deuteranopia**

6D6B83



**Tritanopia**  
776972

# Trichromacy



**Original Color**  
7A6684

**Protanomaly**  
6D6A87

**Deuteranomaly**  
726983

**Tritanomaly**  
786879

# Monochromacy



**Original Color**  
7A6684

**Achromatopsia**  
6F6F6F

**Achromatomaly**  
736C77

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A6684 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 #7A6684 looks like.

```
.text, #text, p{  
    color:#7A6684  
}
```

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 #7A6684 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A6684
}
```

## Border

The CSS property to change the border of an element to Hex 7A6684 is called "border". The border property can be set on classes, ids or directly on the HTML element.

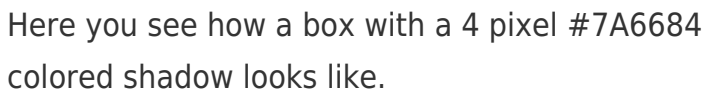
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A6684 }
```

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

```
.border{ border-color:#7A6684 }
```

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



Here you see how a box with a 4 pixel #7A6684 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A6684; -webkit-box-shadow:4px 4px  
4px 4px #7A6684; box-shadow:4px 4px 4px  
4px #7A6684 }
```

# Background

The CSS property to change the background color of an element to Hex 7A6684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A6684 }
```

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

```
.background{ background-color:#7A6684 }
```

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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