

# Converting Colors

Hex(756978)

Have a look what the booklet for  
Hex(756978) contains.

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# Color

**Hex(756978)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	756978
RGB	117, 105, 120
RGB Percent	46%, 41%, 47%
CMY	0.5412, 0.5882, 0.5294
CMYK	0.03, 0.13, 0.00, 0.53
HSL	288°, 7%, 44%
HSV	288°, 13%, 47%
XYZ	15.7779, 15.2411, 19.8795
YIQ	110.2980, 2.3370, 7.2090

# Conversions

## Conversions Part 2

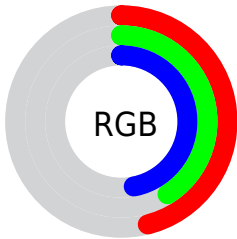
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 105, 120
Decimal	7694712
CIE Lab	45.96, 7.71, -6.63
CIE LCh	46, 10.170, 319.324
Yxy	15.2411, 0.3100, 0.2994
Android (android.graphics.Color)	4285884792 (0xFF756978)
<b>YUV</b>	110.2980, 4.7831, 5.8777
Hunter-Lab	39.0399, 3.8205, -2.8632

# Details

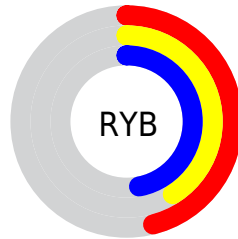
The Hex color **756978** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6C7869**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **A99CAC**, and **453A48** is the 20% darker color. If you saturate the color by 10%, you get **735D78**, and if you desaturate by 10%, it is **777578**.

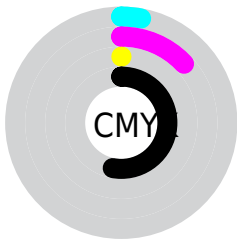
# Distribution



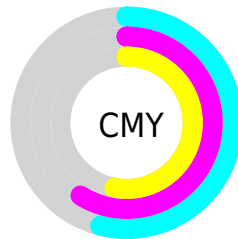
- Red (46%)
- Green (41%)
- Blue (47%)



- Red (46%)
- Yellow (41%)
- Blue (47%)



- Cyan (3%)
- Magenta (13%)
- Yellow (0%)
- Black (53%)



- Cyan (54%)
- Magenta (59%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 756978 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 756978 by changing the saturation by 10% instead.



■ 756978

■ 756978

FFFFFF

■ 5C515F

■ A99CAC

■ 453A48

■ C4B7C8

■ 2E2431

■ E0D3E4

■ 1A0F1C

■ FDEFFF

■ 000000

■ 756978

■ 756978

■ 735D78

■ 777578

■ 705178

■ 7A8178

■ 6E4578

■ 7C8D78

6B3978

7F9978

692D78

81A578

672178

83B178

641578

86BD78

620978

88C978

600078

8BD578

# Harmonies

## Analogous

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



6B6C7D



756978



7C6770

# Triad

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



756978



776B5C



577272

# Complementary

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



756978



6C7869

# 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.



5C7269



756978



6E6E5D

# Square

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



756978



7D6960



647062



597179

# Rectangle

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



756978



7F676A



647062



58726F



# Sweetspot

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



756978



9A959C



696C78



4E4B4F



CFCFCF



4F4F4F



# Same Dimension

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



756978



97849C



786973



3C373D



64007D



CA00FC



# Inverse Universe

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



78696C



9C8489



69786D



3D3738



7D0019



FC0032



# Previews

## White Background



This preview shows how the Hex color 756978 looks on a white background.

## Color Contrast Check

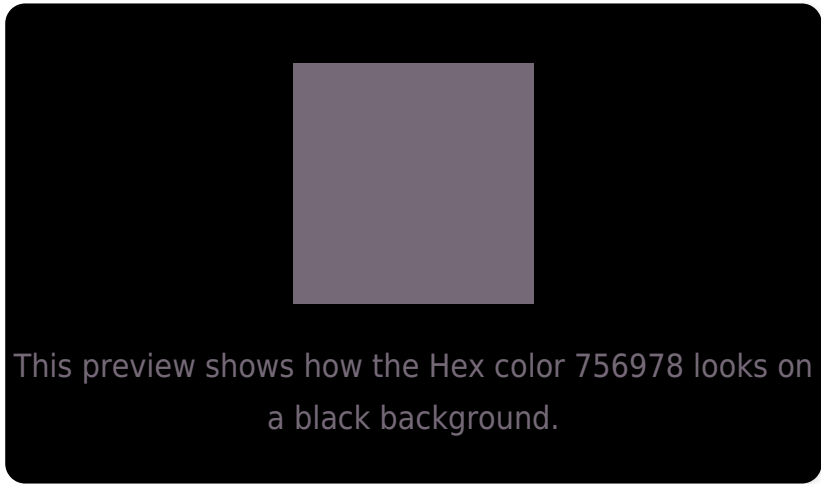
Large Text (above 18pt) WCAG AA ✓ Pass

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

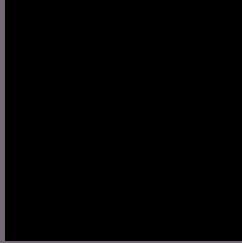
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 756978 Background



This preview shows how black text looks on a background with the Hex color 756978.



This preview shows how white text looks on a background with the Hex color 756978.

# 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**

756978

**Protanopia**

6B6C7A

**Deuteranopia**

726A78



**Tritanopia**  
746A72

# Trichromacy



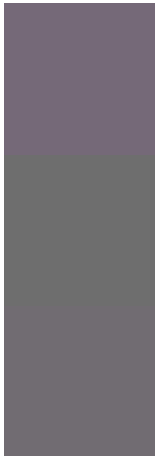
**Original Color**  
756978

**Protanomaly**  
6F6B79

**Deuteranomaly**  
736A78

**Tritanomaly**  
746A74

# Monochromacy



**Original Color**  
756978

**Achromatopsia**  
6E6E6E

**Achromatomaly**  
716C72

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 756978 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 #756978 looks like.

```
.text, #text, p{  
    color:#756978  
}
```

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 #756978 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #756978  
}
```

## Border

The CSS property to change the border of an element to Hex 756978 is called "border". The border property can be set on classes, ids or directly on the HTML element.

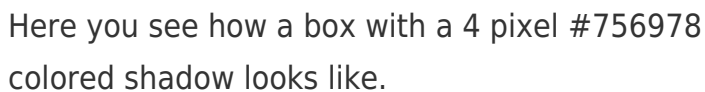
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#756978 }
```

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

```
.border{ border-color:#756978 }
```

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



Here you see how a box with a 4 pixel #756978 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #756978; -webkit-box-shadow:4px 4px  
4px 4px #756978; box-shadow:4px 4px 4px  
4px #756978 }
```

# Background

The CSS property to change the background color of an element to Hex 756978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#756978 }
```

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

```
.background{ background-color:#756978 }
```

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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