

# Converting Colors

Hex(756173)

Have a look what the booklet for  
Hex(756173) contains.

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# Color

**Hex(756173)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	756173
RGB	117, 97, 115
RGB Percent	46%, 38%, 45%
CMY	0.5412, 0.6196, 0.5490
CMYK	0.00, 0.17, 0.02, 0.54
HSL	306°, 9%, 42%
HSV	306°, 17%, 46%
XYZ	14.7053, 13.5691, 18.0637
YIQ	105.0320, 6.1420, 9.8380

# Conversions

## Conversions Part 2

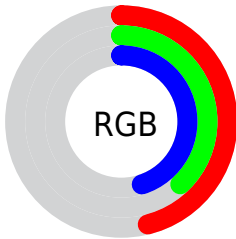
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 97, 115
Decimal	7692659
CIE Lab	43.61, 11.49, -7.12
CIE LCh	44, 13.516, 328.201
Yxy	13.5691, 0.3173, 0.2928
Android (android.graphics.Color)	4285882739 (0xFF756173)
YUV	105.0320, 4.9142, 10.4959
Hunter-Lab	36.8363, 6.7951, -3.2891

# Details

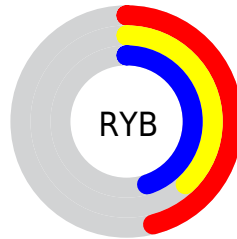
The Hex color **756173** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **617563**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **A994A7**, and **453343** is the 20% darker color. If you saturate the color by 10%, you get **755572**, and if you desaturate by 10%, it is **756D74**.

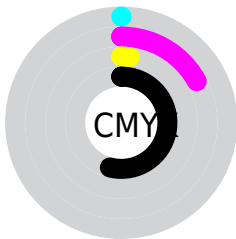
# Distribution



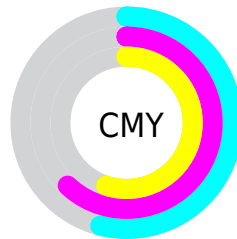
- Red (46%)
- Green (38%)
- Blue (45%)



- Red (46%)
- Yellow (38%)
- Blue (45%)



- Cyan (0%)
- Magenta (17%)
- Yellow (2%)
- Black (54%)



- Cyan (54%)
- Magenta (62%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 756173 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 756173 by changing the saturation by 10% instead.



■ 756173

■ 756173

FFFFFF

■ 5C495A

■ A994A7

■ 453343

■ C5AEC2

■ 2E1D2D

■ E1CADE

■ 1A0518

■ FDE6FB

■ 000000

■ 756173

■ 756173

■ 755572

■ 756D74

■ 754A71

■ 757875

■ 753E6F

■ 758477

75326E

759078

75276D

759C79

751B6C

75A77A

750F6B

75B37B

75036A

75BF7C

750069

75CA7E

# Harmonies

## Analogous

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



68647B



756173



7D5F68

# Triad

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



756173



706651



486D71

# Complementary

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



756173



617563

# 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.



4D6D66



756173



646A53

# Square

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



756173



7A6254



576C5B



4D6B7A

# Rectangle

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



756173



7E5F61



576C5B



496D6E



# Sweetspot

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



756173



999198



636175



4D484C



CCCCCC



4D4D4D



# Same Dimension

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



756173



997996



756169



3B353A



7A006E



FA00E1



# Inverse Universe

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



756173



997996



61756D



3B353A



7A006E

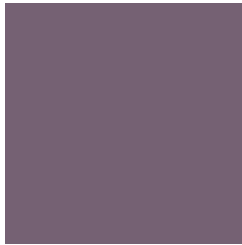


FA00E1



# Previews

## White Background



This preview shows how the Hex color 756173 looks on a white background.

## Color Contrast Check

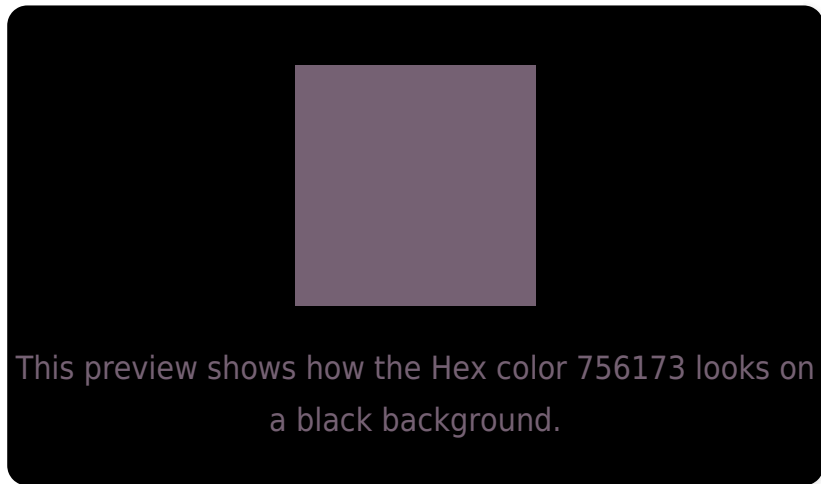
Large Text (above 18pt) WCAG AA ✓ Pass

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

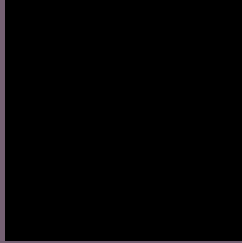
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 756173 Background



This preview shows how black text looks on a background with the Hex color 756173.



This preview shows how white text looks on a background with the Hex color 756173.

# 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**  
756173

**Protanopia**  
646676

**Deuteranopia**  
6C6472



**Tritanopia**  
74636A

# Trichromacy



**Original Color**

756173

**Protanomaly**

6A6475

**Deuteranomaly**

6F6372

**Tritanomaly**

74626D

# Monochromacy



**Original Color**

756173

**Achromatopsia**

696969

**Achromatomaly**

6D666D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 756173 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 #756173 looks like.

```
.text, #text, p{  
    color:#756173  
}
```

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 #756173 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #756173  
}
```

## Border

The CSS property to change the border of an element to Hex 756173 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".

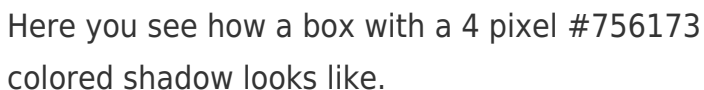
```
.border, #border, table{ border:4px solid  
#756173 }
```

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

```
.border{ border-color:#756173 }
```

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

Here you see how a box with a 4 pixel #756173 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #756173; -webkit-box-shadow:4px 4px  
4px 4px #756173; box-shadow:4px 4px 4px  
4px #756173 }
```

# Background

The CSS property to change the background color of an element to Hex 756173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#756173 }
```

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

```
.background{ background-color:#756173 }
```

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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