

# Converting Colors

Hex(736A78)

Have a look what the booklet for  
Hex(736A78) contains.

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# Color

**Hex(736A78)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	736A78
RGB	115, 106, 120
RGB Percent	45%, 42%, 47%
CMY	0.5490, 0.5843, 0.5294
CMYK	0.04, 0.12, 0.00, 0.53
HSL	279°, 6%, 44%
HSV	279°, 12%, 47%
XYZ	15.6144, 15.3090, 19.9013
YIQ	110.2870, 0.8700, 6.2620

# Conversions

## Conversions Part 2

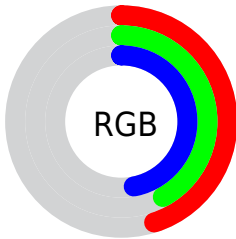
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	115, 106, 120
Decimal	7563896
CIE <sub>Lab</sub>	46.05, 6.37, -6.51
CIE <sub>LCh</sub>	46, 9.106, 314.349
Yxy	15.3090, 0.3072, 0.3012
Android (android.graphics.Color)	4285753976 (0xFF736A78)
YUV	110.2870, 4.7885, 4.1333
Hunter-Lab	39.1267, 2.7630, -2.7684

# Details

The Hex color **736A78** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6F786A**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **A79DAC**, and **433B48** is the 20% darker color. If you saturate the color by 10%, you get **6F5E78**, and if you desaturate by 10%, it is **777678**.

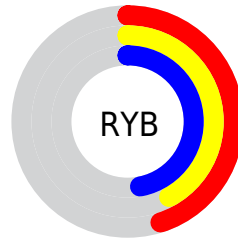
# Distribution



Red (45%)

Green (42%)

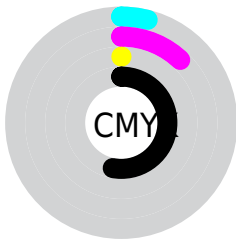
Blue (47%)



Red (45%)

Yellow (42%)

Blue (47%)

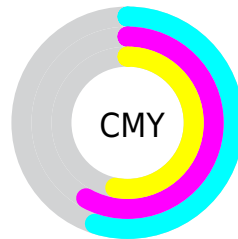


Cyan (4%)

Magenta (12%)

Yellow (0%)

Black (53%)



Cyan (55%)

Magenta (58%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 736A78 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 736A78 by changing the saturation by 10% instead.



736A78

736A78

FFFFFF

5A525F

A79DAC

433B48

C2B8C8

2D2531

DED4E4

18111C

FBF0FF

000000

736A78

736A78

6F5E78

777678

6A5278

7C8278

664678

808E78

■ 623A78

■ 849A78

■ 5E2E78

■ 88A678

■ 592278

■ 8DB278

■ 551678

■ 91BE78

■ 510A78

■ 95CA78

■ 4D0078

■ 9AD678

# Harmonies

## Analogous

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



6A6C7C



736A78



7A6871

# Triad

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



736A78



776B5F



5A7271

# Complementary

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



736A78



6F786A

# 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.



5F7169



736A78



6F6E5E

# Square

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



736A78



7C6963



677062



5B7177

# Rectangle

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



736A78



7D686C



677062



5B726E



# Sweetspot

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



736A78



99959C



6A6F78



4E4B4F



CFCFCF



4F4F4F



# Same Dimension

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



736A78



94869C



786A76



3B373D



50007D



A200FC



# Inverse Universe

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



786A6F



9C868E



6A786C



3D3739



7D002D



FC005A



# Previews

## White Background



This preview shows how the Hex color 736A78 looks on a white background.

## Color Contrast Check

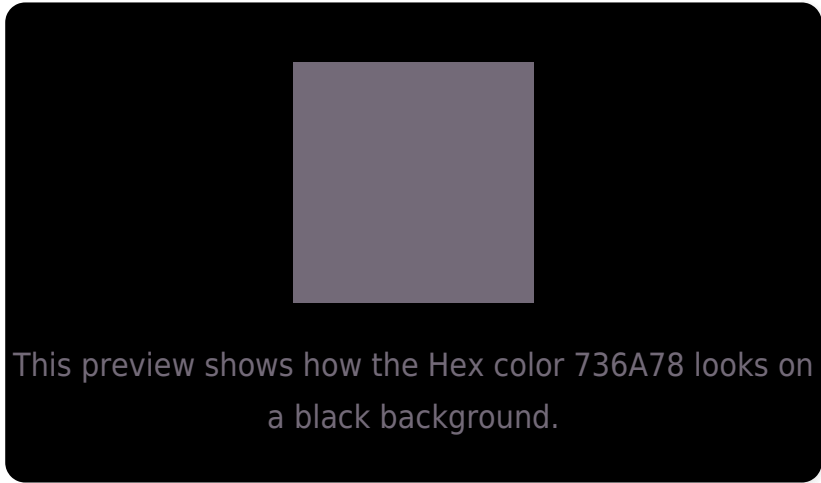
Large Text (above 18pt) WCAG AA ✓ Pass

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

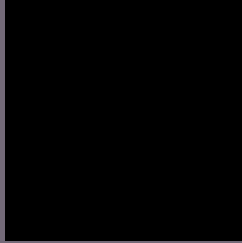
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 736A78 Background



This preview shows how black text looks on a background with the Hex color 736A78.



This preview shows how white text looks on a background with the Hex color 736A78.

# 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**


736A78

**Protanopia**

6B6C79

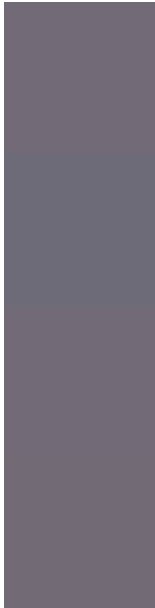
**Deuteranopia**

736A78



**Tritanopia**  
726B73

# Trichromacy



**Original Color**

736A78

**Protanomaly**

6E6B79

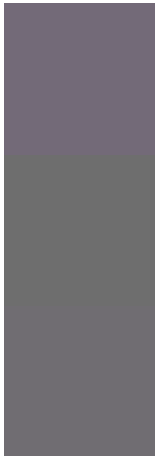
**Deuteranomaly**

736A78

**Tritanomaly**

726B75

# Monochromacy



**Original Color**

736A78

**Achromatopsia**

6E6E6E

**Achromatomaly**

706D72

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 736A78 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 #736A78 looks like.

```
.text, #text, p{  
    color:#736A78  
}
```

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 #736A78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #736A78  
}
```

## Border

The CSS property to change the border of an element to Hex 736A78 is called "border". The border property can be set on classes, ids or directly on the HTML element.

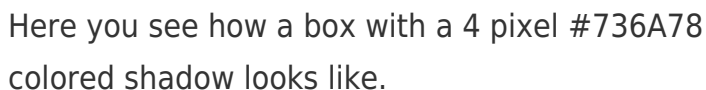
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#736A78 }
```

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

```
.border{ border-color:#736A78 }
```

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



Here you see how a box with a 4 pixel #736A78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #736A78; -webkit-box-shadow:4px 4px  
4px 4px #736A78; box-shadow:4px 4px 4px  
4px #736A78 }
```

# Background

The CSS property to change the background color of an element to Hex 736A78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#736A78 }
```

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

```
.background{ background-color:#736A78 }
```

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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