

# Converting Colors

Hex(736F7B)

Have a look what the booklet for  
Hex(736F7B) contains.

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# Color

**Hex(736F7B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	736F7B
RGB	115, 111, 123
RGB Percent	45%, 44%, 48%
CMY	0.5490, 0.5647, 0.5176
CMYK	0.07, 0.10, 0.00, 0.52
HSL	260°, 5%, 46%
HSV	260°, 10%, 48%
XYZ	16.3298, 16.4438, 21.0522
YIQ	113.5640, -1.4680, 4.5800

# Conversions

## Conversions Part 2

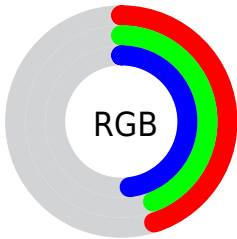
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	115, 111, 123
Decimal	7565179
CIE Lab	47.55, 4.03, -6.08
CIE LCh	48, 7.294, 303.566
Yxy	16.4438, 0.3034, 0.3055
Android (android.graphics.Color)	4285755259 (0xFF736F7B)
YUV	113.5640, 4.6519, 1.2594
Hunter-Lab	40.5509, 0.9177, -2.3950

# Details

The Hex color **736F7B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **777B6F**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **A7A3AF**, and **433F4A** is the 20% darker color. If you saturate the color by 10%, you get **6B637B**, and if you desaturate by 10%, it is **7B7B7B**.

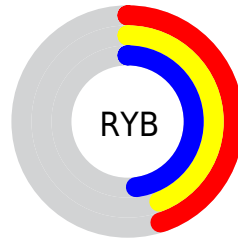
# Distribution



Red (45%)

Green (44%)

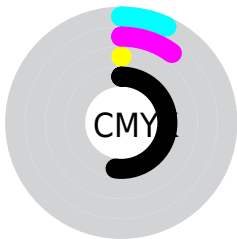
Blue (48%)



Red (45%)

Yellow (44%)

Blue (48%)

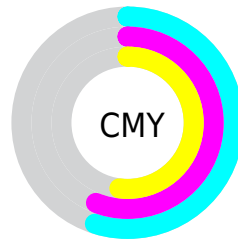


Cyan (7%)

Magenta (10%)

Yellow (0%)

Black (52%)



Cyan (55%)

Magenta (56%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 736F7B 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 736F7B by changing the saturation by 10% instead.



■ 736F7B

■ 736F7B

FFFFFF

■ 5A5762

■ A7A3AF

■ 433F4A

■ C2BECB

■ 2D2A34

■ DED9E7

■ 18151F

■ FBF6FF

■ 000005

■ 000000

■ 736F7B

■ 736F7B

■ 6B637B

■ 7B7B7B

■ 63567B

■ 83887B

5A4A7B

8C947B

523E7B

94A07B

4A327B

9CAC7B

42257B

A4B97B

3A197B

ACC57B

310D7B

B5D17B

29007B

BDDE7B

# Harmonies

## Analogous

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



6B717D



736F7B



7A6D76

# Triad

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



736F7B



7B6F66



637571

# Complementary

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



736F7B



777B6F

# Split Complementary

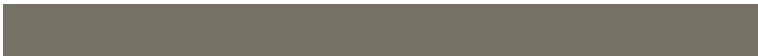
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



67746B



736F7B



757165

# Square

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



736F7B



7E6D6A



6E7367



627477

# Rectangle

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



736F7B



7D6D72



6E7367



64746F



# Sweetspot

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



736F7B



9D9CA1



6F777B



4F4E52



D1D1D1



525252



# Same Dimension

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



736F7B



948DA1



796F7B



39373D



2A007D



5400FC



# Inverse Universe

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



7B6F77



A18D9A



717B6F



3D373B



7D0053



FC00A8



# Previews

## White Background



This preview shows how the Hex color 736F7B looks on a white background.

## Color Contrast Check

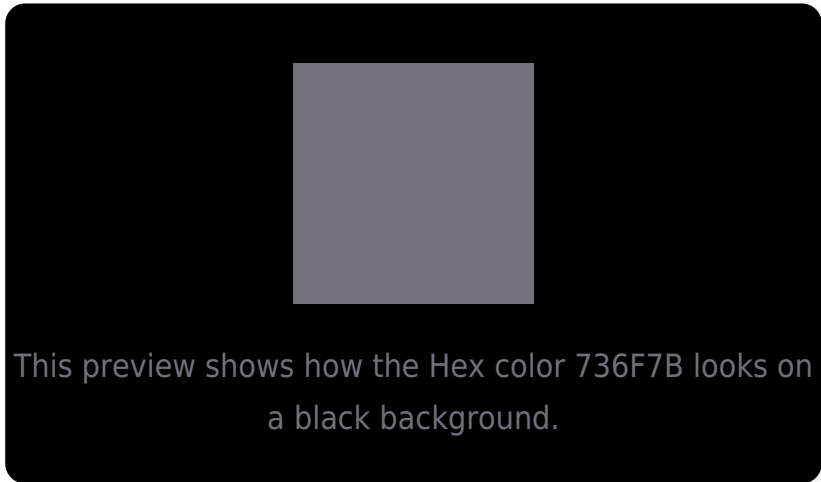
Large Text (above 18pt) WCAG AA ✓ Pass

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

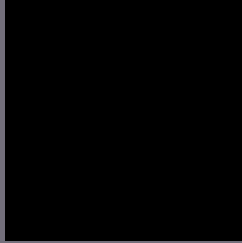
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

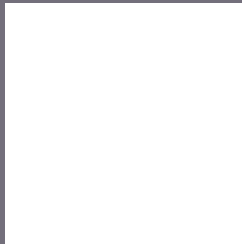
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 736F7B Background



This preview shows how black text looks on a background with the Hex color 736F7B.



This preview shows how white text looks on a background with the Hex color 736F7B.

# 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**

736F7B

**Protanopia**

70707C

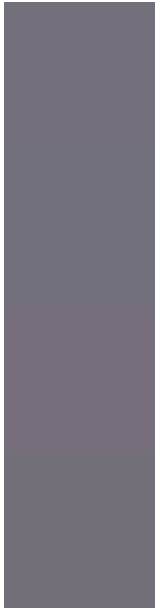
**Deuteranopia**

776E7B



**Tritanopia**  
736F78

# Trichromacy



**Original Color**

736F7B

**Protanomaly**

71707C

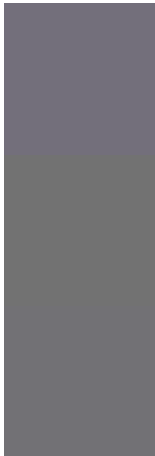
**Deuteranomaly**

766E7B

**Tritanomaly**

736F79

# Monochromacy



**Original Color**

736F7B

**Achromatopsia**

727272

**Achromatomaly**

727175

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 736F7B 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 #736F7B looks like.

```
.text, #text, p{  
    color:#736F7B  
}
```

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 #736F7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #736F7B
}
```

## Border

The CSS property to change the border of an element to Hex 736F7B 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
#736F7B }
```

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

```
.border{ border-color:#736F7B }
```

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

Here you see how a box with a 4 pixel #736F7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #736F7B; -webkit-box-shadow:4px 4px  
4px 4px #736F7B; box-shadow:4px 4px 4px  
4px #736F7B }
```

# Background

The CSS property to change the background color of an element to Hex 736F7B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#736F7B }
```

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

```
.background{ background-color:#736F7B }
```

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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