

# Converting Colors

Hex(6F6875)

Have a look what the booklet for  
Hex(6F6875) contains.

<b>Hex(6F6875)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(6F6875)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6F6875
RGB	111, 104, 117
RGB Percent	44%, 41%, 46%
CMY	0.5647, 0.5922, 0.5412
CMYK	0.05, 0.11, 0.00, 0.54
HSL	272°, 6%, 43%
HSV	272°, 11%, 46%
XYZ	14.7167, 14.5645, 18.8652
YIQ	107.5750, -0.0010, 5.5270

# Conversions

## Conversions Part 2

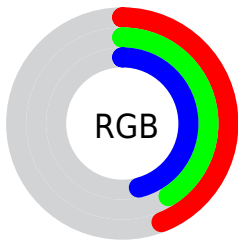
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	111, 104, 117
Decimal	7301237
CIE Lab	45.03, 5.42, -6.27
CIE LCh	45, 8.289, 310.850
Yxy	14.5645, 0.3057, 0.3025
Android (android.graphics.Color)	4285491317 (0xFF6F6875)
YUV	107.5750, 4.6465, 3.0037
Hunter-Lab	38.1635, 2.0479, -2.5942

# Details

The Hex color **6F6875** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6E7568**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **A39BA9**, and **3F3945** is the 20% darker color. If you saturate the color by 10%, you get **6A5C75**, and if you desaturate by 10%, it is **747475**.

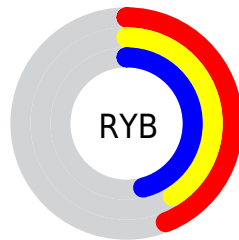
# Distribution



Red (44%)

Green (41%)

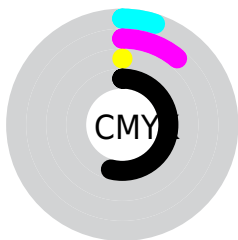
Blue (46%)



Red (44%)

Yellow (41%)

Blue (46%)

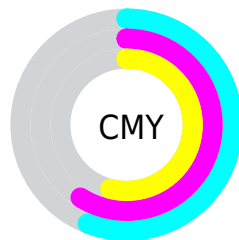


Cyan (5%)

Magenta (11%)

Yellow (0%)

Black (54%)



Cyan (56%)

Magenta (59%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6F6875 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 6F6875 by changing the saturation by 10% instead.



■ 6F6875

■ 6F6875

FFFFFF

■ 57505C

■ A39BA9

■ 3F3945

■ BEB6C4

■ 29242F

■ DAD2E0

■ 150E1A

■ F6EEFD

■ 000000

■ 6F6875

■ 6F6875

■ 6A5C75

■ 747475

■ 645175

■ 7A7F75

■ 5F4575

■ 7F8B75

■ 593975

■ 859775

■ 542E75

■ 8AA375

■ 4F2275

■ 8FAE75

■ 491675

■ 95BA75

■ 440A75

■ 9AC675

■ 3F0075

■ A0D175

# Harmonies

## Analogous

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



666A78



6F6875



76666F

# Triad

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



6F6875



74695E



5A6F6D

# Complementary

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



6F6875



6E7568

# 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.



5E6E66



6F6875



6E6B5D

# Square

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



6F6875



796762



666D60



5A6E73

# Rectangle

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



6F6875



79666B



666D60



5B6F6A



# Sweetspot

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



6F6875



979499



686E75



4B494D



CCCCCC



4D4D4D



# Same Dimension

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



6F6875



908599



756875



38353B



42007A



8700FA



# Inverse Universe

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



75686E



99858E



687568



3B3537



7A0038



FA0073



# Previews

## White Background



This preview shows how the Hex color 6F6875 looks on a white background.

## Color Contrast Check

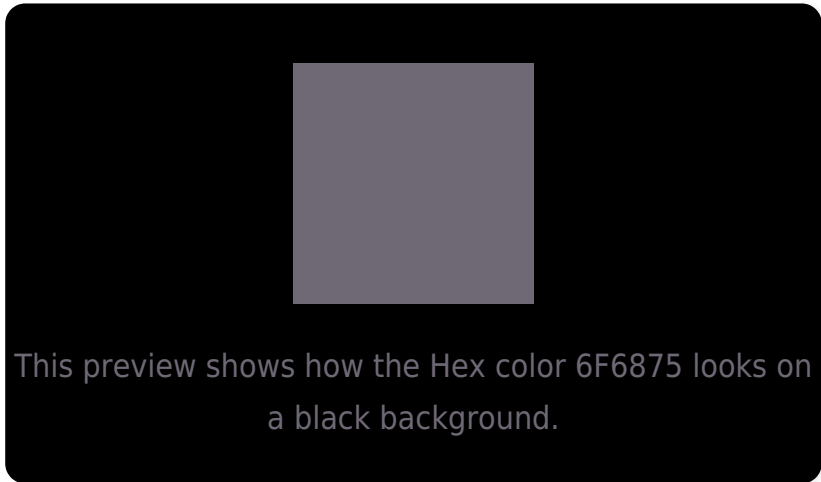
Large Text (above 18pt) WCAG AA ✓ Pass

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

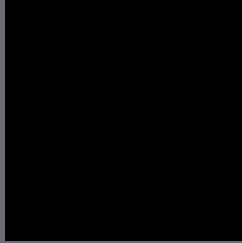
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6F6875 Background



This preview shows how black text looks on a background with the Hex color 6F6875.



This preview shows how white text looks on a background with the Hex color 6F6875.

# 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**  
6F6875

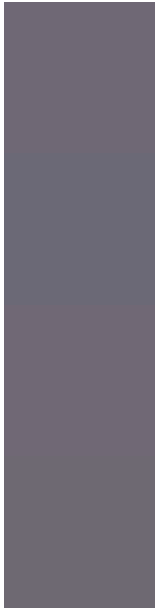
**Protanopia**  
696A76

**Deuteranopia**  
706875



**Tritanopia**  
6E6971

# Trichromacy



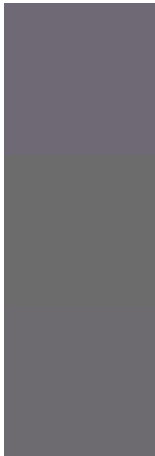
**Original Color**  
6F6875

**Protanomaly**  
6B6976

**Deuteranomaly**  
706875

**Tritanomaly**  
6E6972

# Monochromacy



**Original Color**  
6F6875

**Achromatopsia**  
6C6C6C

**Achromatomaly**  
6D6B6F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6F6875 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 #6F6875 looks like.

```
.text, #text, p{  
    color:#6F6875  
}
```

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 #6F6875 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F6875  
}
```

## Border

The CSS property to change the border of an element to Hex 6F6875 is called "border". The border property can be set on classes, ids or directly on the HTML element.

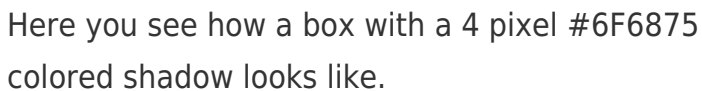
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#6F6875 }
```

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

```
.border{ border-color:#6F6875 }
```

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



Here you see how a box with a 4 pixel #6F6875 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F6875; -webkit-box-shadow:4px 4px  
4px 4px #6F6875; box-shadow:4px 4px 4px  
4px #6F6875 }
```

# Background

The CSS property to change the background color of an element to Hex 6F6875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F6875 }
```

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

```
.background{ background-color:#6F6875 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor