

# Converting Colors

Hex(6D6F71)

Have a look what the booklet for  
Hex(6D6F71) contains.

<b>Hex(6D6F71)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(6D6F71)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6D6F71
RGB	109, 111, 113
RGB Percent	43%, 44%, 44%
CMY	0.5725, 0.5647, 0.5569
CMYK	0.04, 0.02, 0.00, 0.56
HSL	210°, 2%, 44%
HSV	210°, 4%, 44%
XYZ	14.9718, 15.8123, 17.8858
YIQ	110.6300, -1.8340, 0.1980

# Conversions

## Conversions Part 2

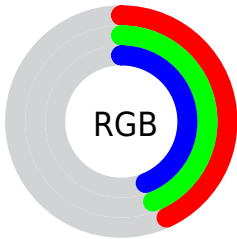
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	109, 110, 113
Decimal	7171953
CIE Lab	46.73, -0.34, -1.38
CIE LCh	47, 1.425, 256.002
Yxy	15.8123, 0.3076, 0.3249
Android (android.graphics.Color)	4285362033 (0xFF6D6F71)
YUV	110.6300, 1.1684, -1.4295
Hunter-Lab	39.7647, -2.3816, 1.1673

# Details

The Hex color **6D6F71** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **716F6D**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **A0A3A5**, and **3E3F41** is the 20% darker color. If you saturate the color by 10%, you get **626971**, and if you desaturate by 10%, it is **787571**.

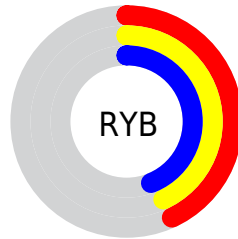
# Distribution



Red (43%)

Green (44%)

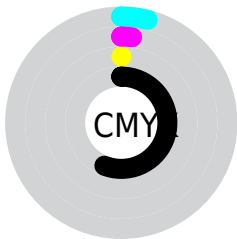
Blue (44%)



Red (43%)

Yellow (43%)

Blue (44%)

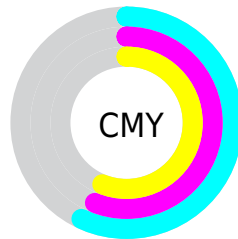


Cyan (4%)

Magenta (2%)

Yellow (0%)

Black (56%)



Cyan (57%)

Magenta (56%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6D6F71 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 6D6F71 by changing the saturation by 10% instead.





6D6F71



6D6F71

FFFFFF



555759



A0A3A5



3E3F41



BBBEC0



282A2B



D7D9DC



131517



F4F6F8



000000



6D6F71



6D6F71



626971



787571



566471



847A71



4B5E71



8F8071

■ 405871

■ 9A8671

■ 345371

■ A58B71

■ 294D71

■ B19171

■ 1E4771

■ BC9771

■ 134271

■ C79C71

■ 073C71

■ D3A271

# Harmonies

## Analogous

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



6C6F70



6D6F71



6E6F71

# Triad

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



6D6F71



716E6E



6E6F6D

# Complementary

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



6D6F71



716F6D

# 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.



6F6F6C



6D6F71



716E6D

# Square

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



6D6F71



716E6F



706E6C



6D6F6E

# Rectangle

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



6D6F71



6F6E71



706E6C



6E6F6D



# Sweetspot

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



6D6F71



929394



6D716F



494A4A



C9C9C9



4A4A4A



# Same Dimension

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



6D6F71



8E9194



6D6D71



353738



003C78



007CF7



# Inverse Universe

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



716D6F



948E91



71716D



383537



78003C



F7007C



# Previews

## White Background



This preview shows how the Hex color 6D6F71 looks on a white background.

## Color Contrast Check

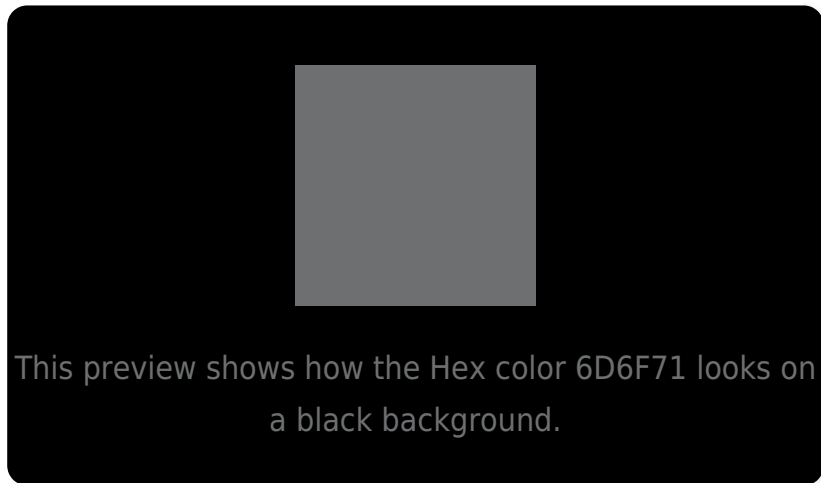
Large Text (above 18pt) WCAG AA ✓ Pass

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

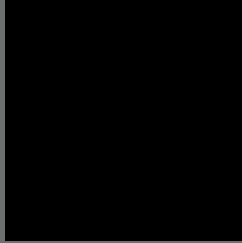
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

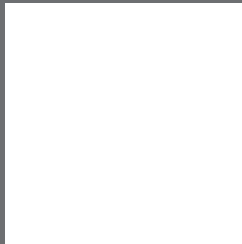
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6D6F71 Background



This preview shows how black text looks on a background with the Hex color 6D6F71.



This preview shows how white text looks on a background with the Hex color 6D6F71.

# 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**  
6D6F71

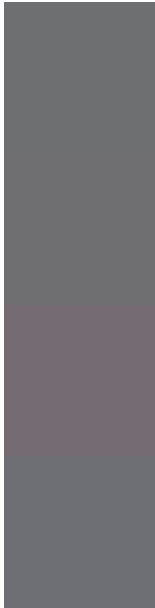
**Protanopia**  
70E70

**Deuteranopia**  
786B72



**Tritanopia**  
6E6E77

# Trichromacy



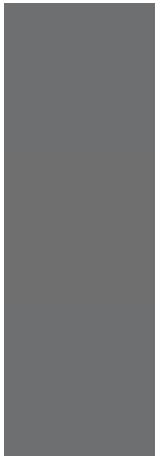
**Original Color**  
6D6F71

**Protanomaly**  
6F6E70

**Deuteranomaly**  
746C72

**Tritanomaly**  
6E6E75

# Monochromacy



**Original Color**  
6D6F71

**Achromatopsia**  
6F6F6F

**Achromatomaly**  
6E6F70

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6D6F71 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 #6D6F71 looks like.

```
.text, #text, p{  
    color:#6D6F71  
}
```

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 #6D6F71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D6F71
}
```

## Border

The CSS property to change the border of an element to Hex 6D6F71 is called "border". The border property can be set on classes, ids or directly on the HTML element.

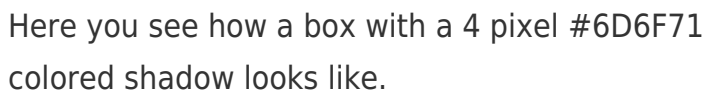
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D6F71 }
```

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

```
.border{ border-color:#6D6F71 }
```

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



Here you see how a box with a 4 pixel #6D6F71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D6F71; -webkit-box-shadow:4px 4px  
4px 4px #6D6F71; box-shadow:4px 4px 4px  
4px #6D6F71 }
```

# Background

The CSS property to change the background color of an element to Hex 6D6F71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D6F71 }
```

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

```
.background{ background-color:#6D6F71 }
```

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