

# Converting Colors

Hex(6C646F)

Have a look what the booklet for  
Hex(6C646F) contains.

<b>Hex(6C646F)</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(6C646F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6C646F
RGB	108, 100, 111
RGB Percent	42%, 39%, 44%
CMY	0.5765, 0.6078, 0.5647
CMYK	0.03, 0.10, 0.00, 0.56
HSL	284°, 5%, 41%
HSV	284°, 10%, 44%
XYZ	13.6108, 13.4502, 16.9177
YIQ	103.6460, 1.2370, 5.1170

# Conversions

## Conversions Part 2

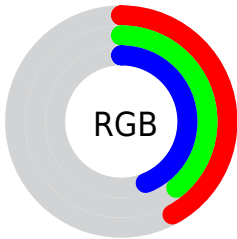
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	108, 100, 111
Decimal	7103599
CIE Lab	43.43, 5.41, -5.05
CIE LCh	43, 7.398, 316.969
Yxy	13.4502, 0.3095, 0.3058
Android (android.graphics.Color)	4285293679 (0xFF6C646F)
YUV	103.6460, 3.6255, 3.8185
Hunter-Lab	36.6745, 2.0651, -1.6779

# Details

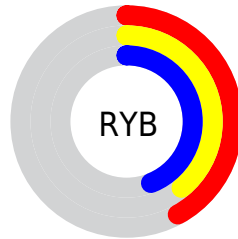
The Hex color **6C646F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **676F64**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **9F97A3**, and **3D353F** is the 20% darker color. If you saturate the color by 10%, you get **69596F**, and if you desaturate by 10%, it is **6F6F6F**.

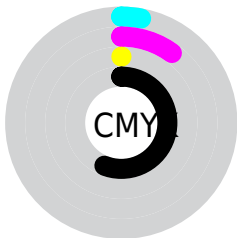
# Distribution



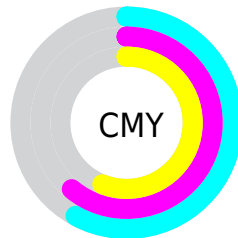
- Red (42%)
- Green (39%)
- Blue (44%)



- Red (42%)
- Yellow (39%)
- Blue (44%)



- Cyan (3%)
- Magenta (10%)
- Yellow (0%)
- Black (56%)



- Cyan (58%)
- Magenta (61%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6C646F 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 6C646F by changing the saturation by 10% instead.



■ 6C646F

■ 6C646F

FFFFFF

■ 544C57

■ 9F97A3

■ 3D353F

■ BAB1BE

■ 272029

■ D6CDD9

■ 130915

■ F2E9F6

■ 000000

■ 6C646F

■ 6C646F

■ 69596F

■ 6F6F6F

■ 664E6F

■ 727A6F

■ 63436F

■ 75856F

60386F

78906F

5D2D6F

7B9B6F

5A216F

7EA76F

57166F

81B26F

540B6F

84BD6F

51006F

87C86F

# Harmonies

## Analogous

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



656672



6C646F



72636A

# Triad

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



6C646F



6E655B



576A6A

# Complementary

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



6C646F



676F64

# 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.



5B6A64



6C646F



68675B

# Square

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



6C646F



73645E



61695E



586A6F

# Rectangle

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



6C646F



746265



61695E



586A68



# Sweetspot

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



6C646F



908D91



64676F



49474A



C9C9C9



4A4A4A



# Same Dimension

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



6C646F



8D8091



6F646D



373238



570078



B400F7



# Inverse Universe

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



6F6467



918085



646F66



383234



780021



F70043



# Previews

## White Background



This preview shows how the Hex color 6C646F looks on a white background.

## Color Contrast Check

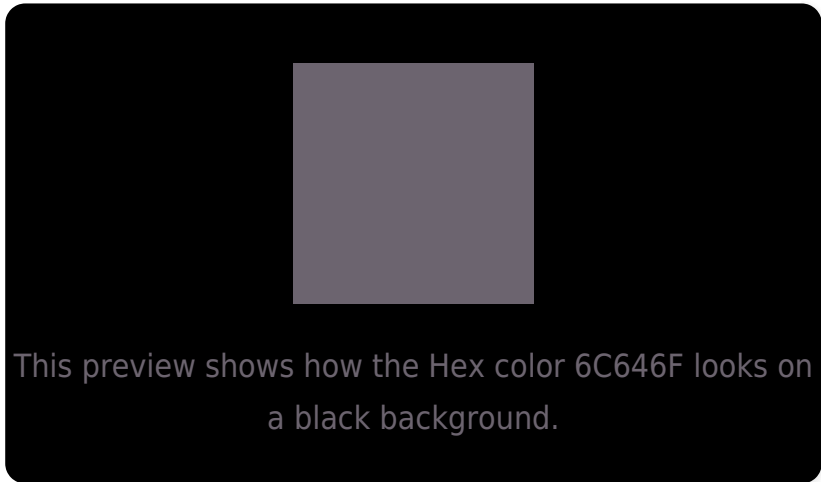
Large Text (above 18pt) WCAG AA ✓ Pass

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

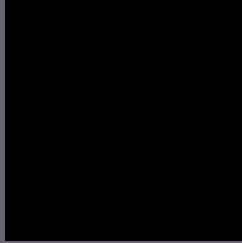
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6C646F Background



This preview shows how black text looks on a background with the Hex color 6C646F.

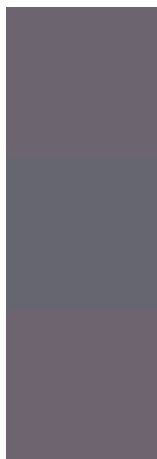


This preview shows how white text looks on a background with the Hex color 6C646F.

# 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](#).

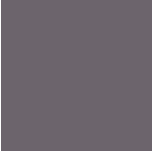
## Dichromacy



**Original Color**  
6C646F

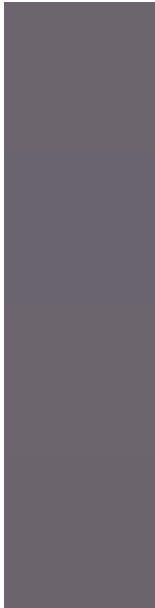
**Protanopia**  
666670

**Deuteranopia**  
6D646F



**Tritanopia**  
6C646C

# Trichromacy



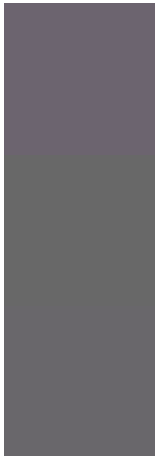
**Original Color**  
6C646F

**Protanomaly**  
686570

**Deuteranomaly**  
6D646F

**Tritanomaly**  
6C646D

# Monochromacy



**Original Color**  
6C646F

**Achromatopsia**  
686868

**Achromatomaly**  
69676B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6C646F 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 #6C646F looks like.

```
.text, #text, p{  
    color:#6C646F  
}
```

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 #6C646F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C646F
}
```

## Border

The CSS property to change the border of an element to Hex 6C646F is called "border". The border property can be set on classes, ids or directly on the HTML element.

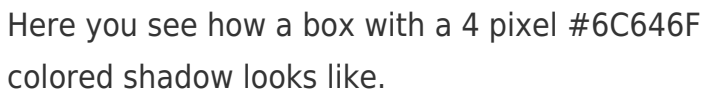
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6C646F }
```

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

```
.border{ border-color:#6C646F }
```

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



Here you see how a box with a 4 pixel #6C646F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C646F; -webkit-box-shadow:4px 4px  
4px 4px #6C646F; box-shadow:4px 4px 4px  
4px #6C646F }
```

# Background

The CSS property to change the background color of an element to Hex 6C646F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C646F }
```

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

```
.background{ background-color:#6C646F }
```

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