

# Converting Colors

Hex(6B6A6F)

Have a look what the booklet for  
Hex(6B6A6F) contains.

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# Color

**Hex(6B6A6F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6B6A6F
RGB	107, 106, 111
RGB Percent	42%, 42%, 44%
CMY	0.5804, 0.5843, 0.5647
CMYK	0.04, 0.05, 0.00, 0.56
HSL	252°, 2%, 43%
HSV	252°, 5%, 44%
XYZ	14.0867, 14.5816, 17.1110
YIQ	106.8690, -1.0090, 1.7670

# Conversions

## Conversions Part 2

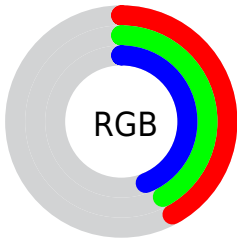
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	107, 106, 111
Decimal	7039599
CIE Lab	45.06, 1.43, -2.66
CIE LCh	45, 3.020, 298.283
Yxy	14.5816, 0.3077, 0.3185
Android (android.graphics.Color)	4285229679 (0xFF6B6A6F)
YUV	106.8690, 2.0366, 0.1149
Hunter-Lab	38.1858, -0.9768, 0.1623

# Details

The Hex color **6B6A6F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6E6F6A**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **9E9DA3**, and **3C3B3F** is the 20% darker color. If you saturate the color by 10%, you get **625F6F**, and if you desaturate by 10%, it is **74756F**.

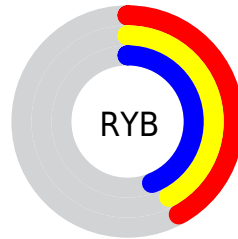
# Distribution



Red (42%)

Green (42%)

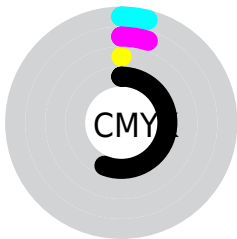
Blue (44%)



Red (42%)

Yellow (42%)

Blue (44%)

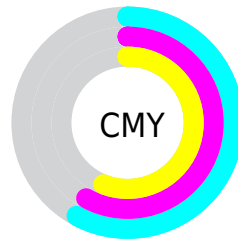


Cyan (4%)

Magenta (5%)

Yellow (0%)

Black (56%)



Cyan (58%)

Magenta (58%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B6A6F 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 6B6A6F by changing the saturation by 10% instead.





6B6A6F



6B6A6F

FFFFFF



535257



9E9DA3



3C3B3F



B9B8BE



26252A



D5D4D9



111015



F1F0F6



000000



6B6A6F



6B6A6F



625F6F



74756F



59546F



7D806F



50496F



868B6F

■ 473E6F

■ 8F966F

■ 3F336F

■ 97A26F

■ 36276F

■ A0AD6F

■ 2D1C6F

■ A9B86F

■ 24116F

■ B2C36F

■ 1B066F

■ BBCE6F

# Harmonies

## Analogous

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



686B70



6B6A6F



6E696D

# Triad

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



6B6A6F



6F6A66



656C6A

# Complementary

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



6B6A6F



6E6F6A

# 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.



676C68



6B6A6F



6D6A66

# Square

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



6B6A6F



706968



6A6B66



656C6D

# Rectangle

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



6B6A6F



6F696C



6A6B66



666C69



# Sweetspot

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



6B6A6F



909091



6A6E6F



49494A



C9C9C9



4A4A4A



# Same Dimension

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



6B6A6F



8C8A91



6D6A6F



353538



180078



3100F7



# Inverse Universe

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



6F6A6E



918A90



6C6F6A



383537



780060



F700C6



# Previews

## White Background



This preview shows how the Hex color 6B6A6F looks on a white background.

## Color Contrast Check

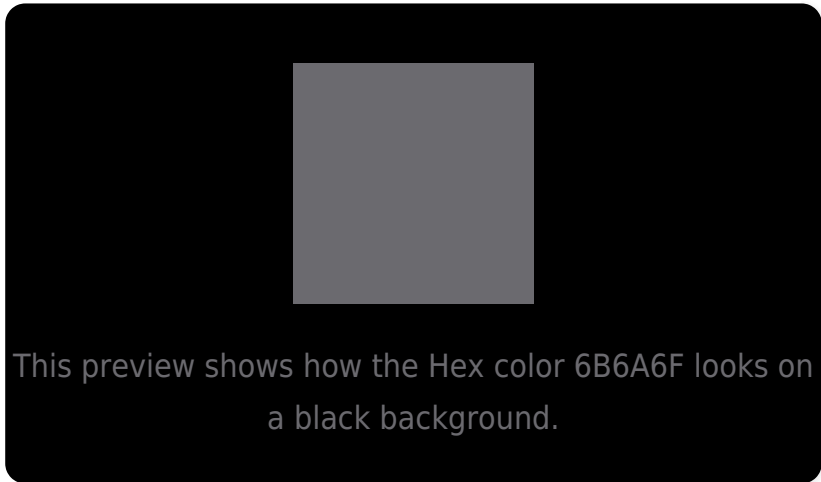
Large Text (above 18pt) WCAG AA ✓ Pass

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

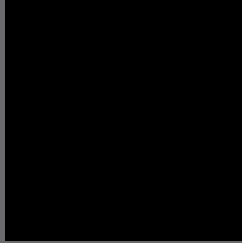
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

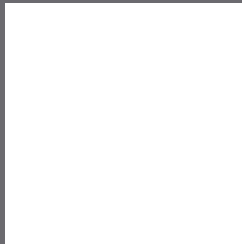
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6B6A6F Background



This preview shows how black text looks on a background with the Hex color 6B6A6F.



This preview shows how white text looks on a background with the Hex color 6B6A6F.

# 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**  
6B6A6F

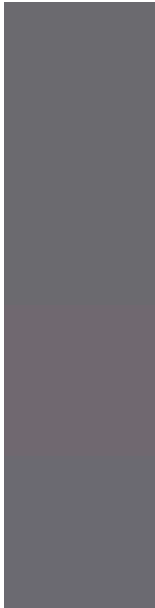
**Protanopia**  
6B6A6F

**Deuteranopia**  
736770



**Tritanopia**  
6B6A72

# Trichromacy



**Original Color**

6B6A6F

**Protanomaly**

6B6A6F

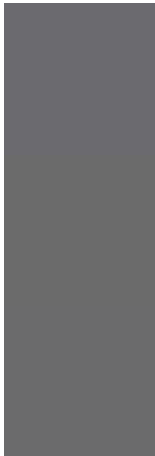
**Deuteranomaly**

706870

**Tritanomaly**

6B6A71

# Monochromacy



**Original Color**

6B6A6F

**Achromatopsia**

6B6B6B

**Achromatomaly**

6B6B6C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B6A6F 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 #6B6A6F looks like.

```
.text, #text, p{  
    color:#6B6A6F  
}
```

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 #6B6A6F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B6A6F
}
```

## Border

The CSS property to change the border of an element to Hex 6B6A6F 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
#6B6A6F }
```

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

```
.border{ border-color:#6B6A6F }
```

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

Here you see how a box with a 4 pixel #6B6A6F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B6A6F; -webkit-box-shadow:4px 4px  
4px 4px #6B6A6F; box-shadow:4px 4px 4px  
4px #6B6A6F }
```

# Background

The CSS property to change the background color of an element to Hex 6B6A6F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B6A6F }
```

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

```
.background{ background-color:#6B6A6F }
```

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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