

# Converting Colors

Hex(6E7171)

Have a look what the booklet for  
Hex(6E7171) contains.

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# Color

**Hex(6E7171)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6E7171
RGB	110, 113, 113
RGB Percent	43%, 44%, 44%
CMY	0.5686, 0.5569, 0.5569
CMYK	0.03, 0.00, 0.00, 0.56
HSL	180°, 1%, 44%
HSV	180°, 3%, 44%
XYZ	15.3162, 16.3175, 17.9651
YIQ	112.1030, -1.7880, -0.6360

# Conversions

## Conversions Part 2

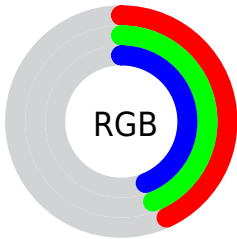
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	110, 112, 113
Decimal	7238001
CIE Lab	47.39, -1.14, -0.40
CIE LCh	47, 1.209, 199.566
Yxy	16.3175, 0.3088, 0.3290
Android (android.graphics.Color)	4285428081 (0xFF6E7171)
<b>YUV</b>	112.1030, 0.4422, -1.8443
Hunter-Lab	40.3949, -3.0109, 1.9080

# Details

The Hex color **6E7171** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **716E6E**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **A2A5A5**, and **3F4141** is the 20% darker color. If you saturate the color by 10%, you get **637171**, and if you desaturate by 10%, it is **797171**.

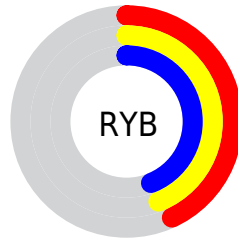
# Distribution



Red (43%)

Green (44%)

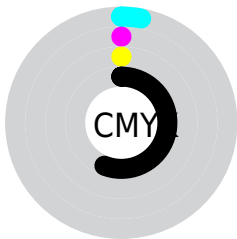
Blue (44%)



Red (43%)

Yellow (44%)

Blue (44%)

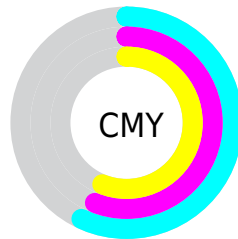


Cyan (3%)

Magenta (0%)

Yellow (0%)

Black (56%)



Cyan (57%)

Magenta (56%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6E7171 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 6E7171 by changing the saturation by 10% instead.





6E7171



6E7171

FFFFFF



565959



A2A5A5



3F4141



BDC0C0



292B2B



D8DCDC



141717



F5F8F8



000000



6E7171



6E7171



637171



797171



577171



857171



4C7171



907171

■ 417171

■ 9B7171

■ 367171

■ A77171

■ 2A7171

■ B27171

■ 1F7171

■ BD7171

■ 147171

■ C87171

■ 087171

■ D47171

# Harmonies

## Analogous

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



6E7170



6E7171



6E7172

# Triad

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



6E7171



717072



72706E

# Complementary

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



6E7171



716E6E

# 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.



72706F



6E7171



727071

# Square

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



6E7171



707072



737070



71716E

# Rectangle

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



6E7171



6F7172



737070



72706E



# Sweetspot

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



6E7171



929494



6E716E



494A4A



C9C9C9



4A4A4A



# Same Dimension

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



6E7171



8F9494



6E7071



363838



007878



00F7F7



# Inverse Universe

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



716E71



948F94



71706E



383638



780078



F700F7



# Previews

## White Background



This preview shows how the Hex color 6E7171 looks on a white background.

## Color Contrast Check

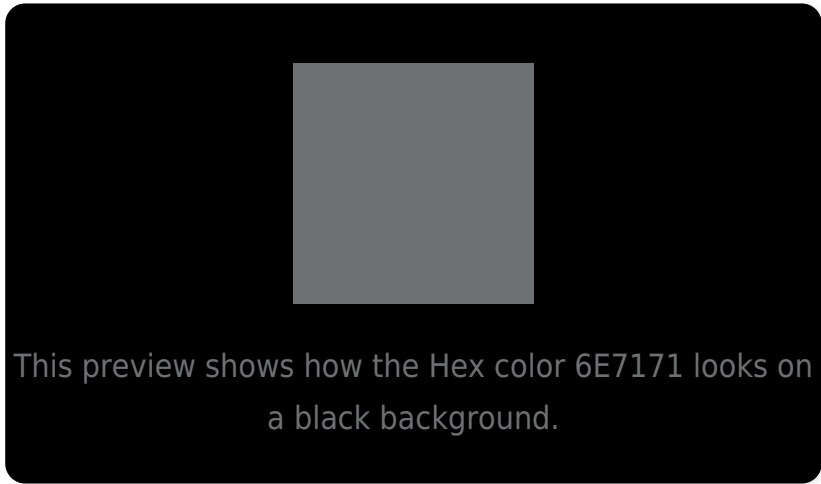
Large Text (above 18pt) WCAG AA ✓ Pass

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

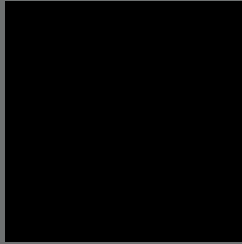
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6E7171 Background



This preview shows how black text looks on a background with the Hex color 6E7171.



This preview shows how white text looks on a background with the Hex color 6E7171.

# 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**  
6E7171

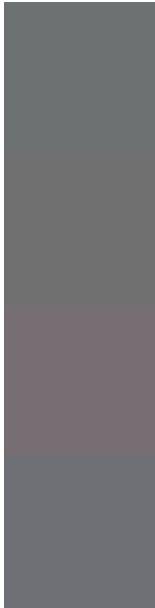
**Protanopia**  
727070

**Deuteranopia**  
7A6D72



**Tritanopia**  
6F7079

# Trichromacy



**Original Color**

6E7171

**Protanomaly**

717070

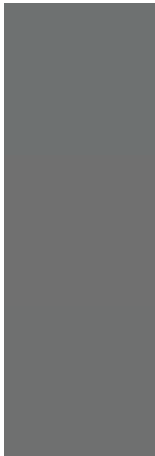
**Deuteranomaly**

766E72

**Tritanomaly**

6F7076

# Monochromacy



**Original Color**

6E7171

**Achromatopsia**

707070

**Achromatomaly**

6F7070

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6E7171 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 #6E7171 looks like.

```
.text, #text, p{  
    color:#6E7171  
}
```

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 #6E7171 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E7171
}
```

## Border

The CSS property to change the border of an element to Hex 6E7171 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
#6E7171 }
```

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

```
.border{ border-color:#6E7171 }
```

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

Here you see how a box with a 4 pixel #6E7171 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E7171; -webkit-box-shadow:4px 4px  
4px 4px #6E7171; box-shadow:4px 4px 4px  
4px #6E7171 }
```

# Background

The CSS property to change the background color of an element to Hex 6E7171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E7171 }
```

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

```
.background{ background-color:#6E7171 }
```

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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