

# Converting Colors

Hex(6B737E)

Have a look what the booklet for  
Hex(6B737E) contains.

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# Color

Hex(6B737E)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6B737E
RGB	107, 115, 126
RGB Percent	42%, 45%, 49%
CMY	0.5804, 0.5490, 0.5059
CMYK	0.15, 0.09, 0.00, 0.51
HSL	215°, 8%, 46%
HSV	215°, 15%, 49%
XYZ	15.9600, 16.8936, 22.1583
YIQ	113.8620, -8.2990, 1.7250

# Conversions

## Conversions Part 2

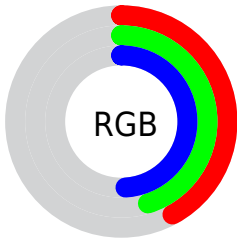
<b>Format</b>	<b>Color</b>
<b>RYB</b>	107, 113, 126
Decimal	7041918
CIELab	48.13, -0.56, -7.08
CIELCh	48, 7.100, 265.502
Yxy	16.8936, 0.2901, 0.3071
Android (android.graphics.Color)	4285231998 (0xFF6B737E)
YUV	113.8620, 5.9840, -6.0180
Hunter-Lab	41.1019, -2.6159, -3.1923

# Details

The Hex color **6B737E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7E766B**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **9EA7B3**, and **3B434D** is the 20% darker color. If you saturate the color by 10%, you get **5E6C7E**, and if you desaturate by 10%, it is **787A7E**.

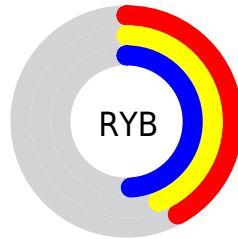
# Distribution



Red (42%)

Green (45%)

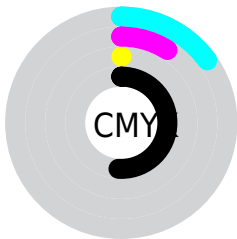
Blue (49%)



Red (42%)

Yellow (44%)

Blue (49%)

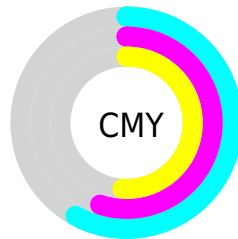


Cyan (15%)

Magenta (9%)

Yellow (0%)

Black (51%)



Cyan (58%)

Magenta (55%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B737E 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 6B737E by changing the saturation by 10% instead.



■ 6B737E

■ 6B737E

FFFFFF

■ 535A65

■ 9EA7B3

■ 3B434D

■ B9C2CE

■ 262D36

■ D5DEEA

■ 111821

■ F2FAFF

■ 000009

■ 000000

■ 6B737E

■ 6B737E

■ 5E6C7E

■ 787A7E

■ 52647E

■ 84827E

455D7E

91897E

39567E

9D907E

2C4F7E

AA977E

1F477E

B79F7E

13407E

C3A67E

06397E

D0AD7E

00357E

DCB57E

# Harmonies

## Analogous

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



65757C



6B737E



72717D

# Triad

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



6B737E



7F6E6D



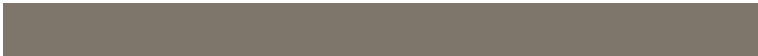
6B756B

# Complementary

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



6B737E



7E766B

# 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.



727367



6B737E



7D7069

# Square

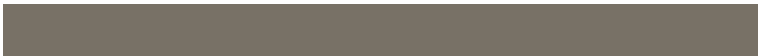
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



6B737E



7E6E73



787166



657671

# Rectangle

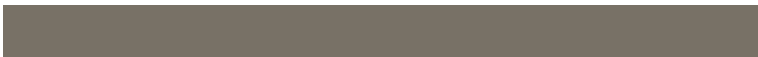
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



6B737E



77707B



787166



6D756A



# Sweetspot

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



6B737E



9B9EA3



6B7E76



4D4F52



D1D1D1



525252



# Same Dimension

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



6B737E



8692A3



6C6B7E



393C40



003680



000000



# Inverse Universe

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



7E6B73



A38692



7D7E6B



40393C



800036



000000



# Previews

## White Background



This preview shows how the Hex color 6B737E looks on a white background.

## Color Contrast Check

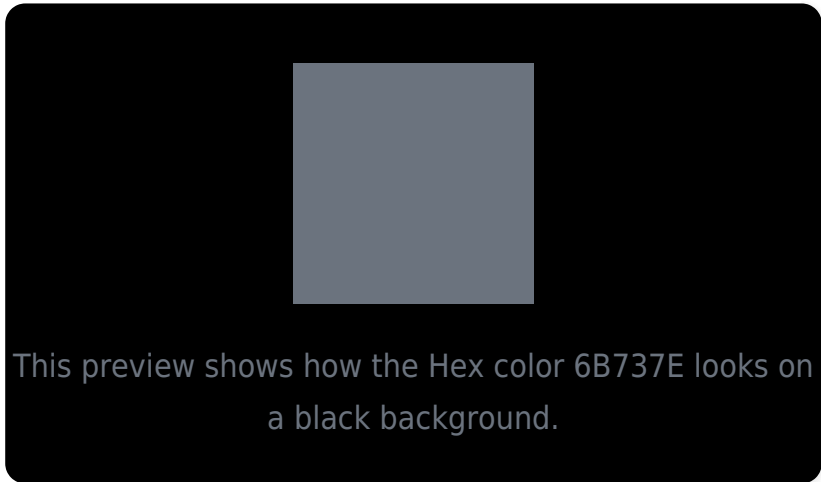
Large Text (above 18pt) WCAG AA ✓ Pass

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

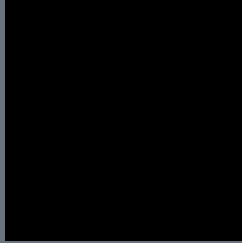
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

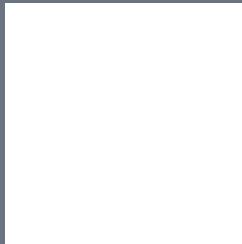
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6B737E Background



This preview shows how black text looks on a background with the Hex color 6B737E.



This preview shows how white text looks on a background with the Hex color 6B737E.

# 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](#).

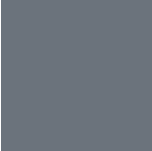
## Dichromacy



**Original Color**  
6B737E

**Protanopia**  
71717D

**Deuteranopia**  
776F7F



**Tritanopia**  
6B737C

# Trichromacy



**Original Color**  
6B737E

**Protanomaly**  
6F727D

**Deuteranomaly**  
73707F

**Tritanomaly**  
6B737D

# Monochromacy



**Original Color**  
6B737E

**Achromatopsia**  
727272

**Achromatomaly**  
6F7276

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B737E 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 #6B737E looks like.

```
.text, #text, p{  
    color:#6B737E  
}
```

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 #6B737E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B737E
}
```

## Border

The CSS property to change the border of an element to Hex 6B737E 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
#6B737E }
```

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

```
.border{ border-color:#6B737E }
```

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

Here you see how a box with a 4 pixel #6B737E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B737E; -webkit-box-shadow:4px 4px  
4px 4px #6B737E; box-shadow:4px 4px 4px  
4px #6B737E }
```

# Background

The CSS property to change the background color of an element to Hex 6B737E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B737E }
```

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

```
.background{ background-color:#6B737E }
```

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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