

# Converting Colors

Hex(6D637B)

Have a look what the booklet for  
Hex(6D637B) contains.

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# Color

**Hex(6D637B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6D637B
RGB	109, 99, 123
RGB Percent	43%, 39%, 48%
CMY	0.5725, 0.6118, 0.5176
CMYK	0.11, 0.20, 0.00, 0.52
HSL	265°, 11%, 44%
HSV	265°, 20%, 48%
XYZ	14.3437, 13.6050, 20.6089
YIQ	104.7260, -1.7440, 9.5840

# Conversions

## Conversions Part 2

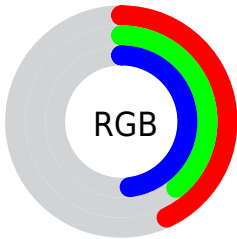
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	109, 99, 123
Decimal	7168891
CIE Lab	43.66, 9.04, -11.97
CIE LCh	44, 15.000, 307.072
Yxy	13.6050, 0.2954, 0.2802
Android (android.graphics.Color)	4285358971 (0xFF6D637B)
YUV	104.7260, 9.0091, 3.7483
Hunter-Lab	36.8849, 4.8659, -7.3080

# Details

The Hex color **6D637B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **717B63**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **A196AF**, and **3D344A** is the 20% darker color. If you saturate the color by 10%, you get **66577B**, and if you desaturate by 10%, it is **746F7B**.

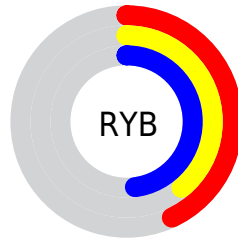
# Distribution



Red (43%)

Green (39%)

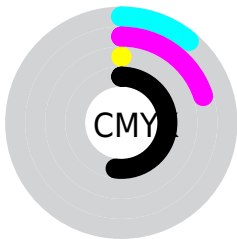
Blue (48%)



Red (43%)

Yellow (39%)

Blue (48%)

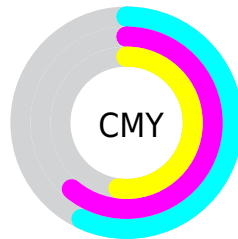


Cyan (11%)

Magenta (20%)

Yellow (0%)

Black (52%)



Cyan (57%)

Magenta (61%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6D637B 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 6D637B by changing the saturation by 10% instead.



■ 6D637B

■ 6D637B

FFFFFF

■ 554B62

■ A196AF

■ 3D344A

■ BCB0CB

■ 271F34

■ D7CCE7

■ 14071F

■ F4E8FF

■ 000003

■ 000000

■ 6D637B

■ 6D637B

■ 66577B

■ 746F7B

■ 5F4A7B

■ 7B7C7B

573E7B

83887B

50327B

8A947B

49257B

91A17B

42197B

98AD7B

3B0D7B

9FB97B

34017B

A6C57B

33007B

AED27B

# Harmonies

## Analogous

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



5C6780



6D637B



7A6071

# Triad

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



6D637B



796351



476E6A

# Complementary

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



6D637B



717B63

# 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.



526D5D



6D637B



6E674F

# Square

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



6D637B



806059



606B53



456E76

# Rectangle

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



6D637B



7F5E69



606B53



4A6E65



# Sweetspot

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



6D637B



9B97A1



63717B



4E4C52



D1D1D1



525252



# Same Dimension

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



6D637B



8B7CA1



79637B



3A373D



34007D



6900FC



# Inverse Universe

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



7B6371



A17C91



657B63



3D373B



7D0049



FC0093



# Previews

## White Background



This preview shows how the Hex color 6D637B looks on a white background.

## Color Contrast Check

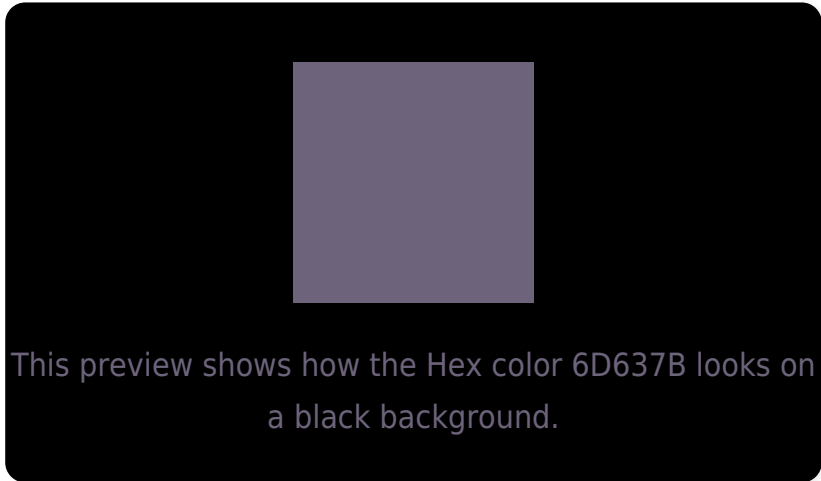
Large Text (above 18pt) WCAG AA ✓ Pass

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

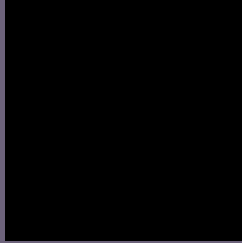
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6D637B Background



This preview shows how black text looks on a background with the Hex color 6D637B.



This preview shows how white text looks on a background with the Hex color 6D637B.

# 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**  
6D637B

**Protanopia**  
62667D

**Deuteranopia**  
68657B



**Tritanopia**  
6B656D

# Trichromacy



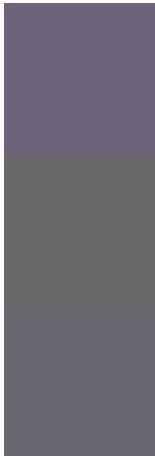
**Original Color**  
6D637B

**Protanomaly**  
66657C

**Deuteranomaly**  
6A647B

**Tritanomaly**  
6C6472

# Monochromacy



**Original Color**  
6D637B

**Achromatopsia**  
696969

**Achromatomaly**  
6A6770

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6D637B 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 #6D637B looks like.

```
.text, #text, p{  
    color:#6D637B  
}
```

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 #6D637B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D637B
}
```

## Border

The CSS property to change the border of an element to Hex 6D637B is called "border". The border property can be set on classes, ids or directly on the HTML element.

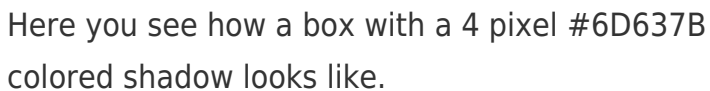
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D637B }
```

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

```
.border{ border-color:#6D637B }
```

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



Here you see how a box with a 4 pixel #6D637B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D637B; -webkit-box-shadow:4px 4px  
4px 4px #6D637B; box-shadow:4px 4px 4px  
4px #6D637B }
```

# Background

The CSS property to change the background color of an element to Hex 6D637B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D637B }
```

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

```
.background{ background-color:#6D637B }
```

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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