

Converting Colors

Hex(67637D)

Have a look what the booklet for
Hex(67637D) contains.

Hex(67637D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(67637D)

Conversions

Conversions Part 1

Format	Color
Hex	67637D
RGB	103, 99, 125
RGB Percent	40%, 39%, 49%
CMY	0.5961, 0.6118, 0.5098
CMYK	0.18, 0.21, 0.00, 0.51
HSL	249°, 12%, 44%
HSV	249°, 21%, 49%
XYZ	13.7570, 13.2879, 21.2418
YIQ	103.1600, -5.9620, 8.9340

Conversions

Conversions Part 2

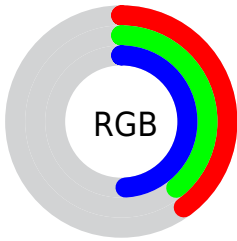
Format	Color
R_{YB}	103, 99, 125
Decimal	6775677
CIE Lab	43.19, 7.38, -13.94
CIE LCh	43, 15.768, 297.889
Yxy	13.2879, 0.2849, 0.2752
Android (android.graphics.Color)	4284965757 (0xFF67637D)
YUV	103.1600, 10.7671, -0.1403
Hunter-Lab	36.4526, 3.5730, -9.0329

Details

The Hex color **67637D** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **797D63**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **9A96B2**, and **38354C** is the 20% darker color. If you saturate the color by 10%, you get **5C567D**, and if you desaturate by 10%, it is **72707D**.

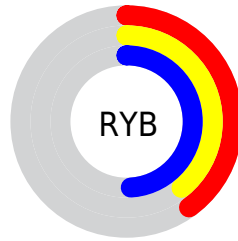
Distribution



Red (40%)

Green (39%)

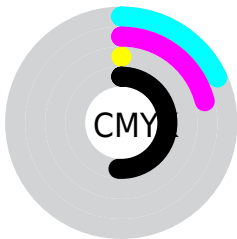
Blue (49%)



Red (40%)

Yellow (39%)

Blue (49%)

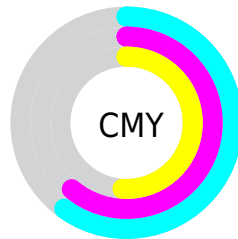


Cyan (18%)

Magenta (21%)

Yellow (0%)

Black (51%)



Cyan (60%)

Magenta (61%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67637D 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 67637D by changing the saturation by 10% instead.

■ 67637D

■ 67637D

FFFFFF

■ 4F4B64

■ 9A96B2

■ 38354C

■ B5B0CD

■ 221F35

■ D1CCE9

■ 0E0720

■ EDE8FF

■ 000005

■ 000000

■ 67637D

■ 67637D

■ 5C567D

■ 72707D

■ 524A7D

■ 7C7C7D

473D7D

87897D

3D317D

91957D

32257D

9CA27D

28187D

A6AE7D

1D0C7D

B1BB7D

13007D

BCC77D

C6D47D

Harmonies

Analogous

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



556780



67637D



765F74

Triad

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



67637D



7B6150



476D65

Complementary

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



67637D



797D63

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.



546C58



67637D



71654C

Square

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



67637D



815D5A



63694F



416D72

Rectangle

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



67637D



7D5D6C



63694F



4B6D60

Sweetspot

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



67637D



9B99A3



63797D



4D4C52



D1D1D1



525252

Same Dimension

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



67637D



817AA3



74637D



3A3940



140080



000000

Inverse Universe

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



7D6379



A37A9D



6C7D63



40393F



80006C



000000

Previews

White Background



This preview shows how the Hex color 67637D looks on a white background.

Color Contrast Check

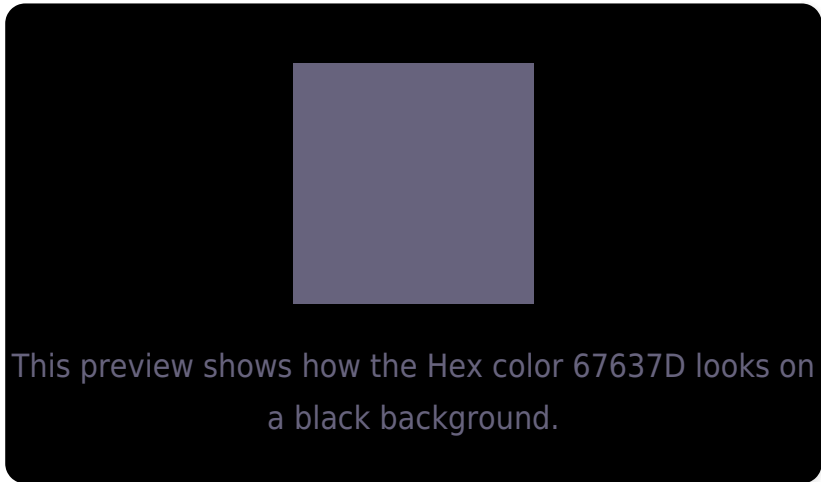
Large Text (above 18pt) WCAG AA ✓ Pass

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

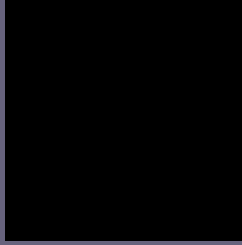
Any Text WCAG AA × Fail

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 67637D Background



This preview shows how black text looks on a background with the Hex color 67637D.



This preview shows how white text looks on a background with the Hex color 67637D.

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
67637D

Protanopia
60657E

Deuteranopia
64647D



Tritanopia
64666E

Trichromacy



Original Color
67637D

Protanomaly
63647E

Deuteranomaly
65647D

Tritanomaly
656573

Monochromacy



Original Color
67637D

Achromatopsia
676767

Achromatomaly
67666F

CSS Examples

Text

The CSS property to change the color of the text to Hex 67637D 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 #67637D looks like.

```
.text, #text, p{  
    color:#67637D  
}
```

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 #67637D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67637D
}
```

Border

The CSS property to change the border of an element to Hex 67637D is called "border". The border property can be set on classes, ids or directly on the HTML element.

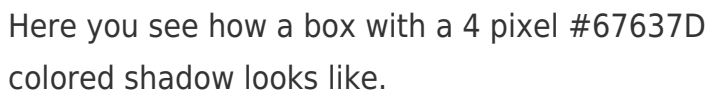
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#67637D }
```

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

```
.border{ border-color:#67637D }
```

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



Here you see how a box with a 4 pixel #67637D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67637D; -webkit-box-shadow:4px 4px  
4px 4px #67637D; box-shadow:4px 4px 4px  
4px #67637D }
```

Background

The CSS property to change the background color of an element to Hex 67637D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67637D }
```

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

```
.background{ background-color:#67637D }
```

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