

Converting Colors

Hex(71637B)

Have a look what the booklet for
Hex(71637B) contains.

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Color

Hex(71637B)

Conversions

Conversions Part 1

Format	Color
Hex	71637B
RGB	113, 99, 123
RGB Percent	44%, 39%, 48%
CMY	0.5569, 0.6118, 0.5176
CMYK	0.08, 0.20, 0.00, 0.52
HSL	275°, 11%, 44%
HSV	275°, 20%, 48%
XYZ	14.8470, 13.8645, 20.6325
YIQ	105.9220, 0.6400, 10.4320

Conversions

Conversions Part 2

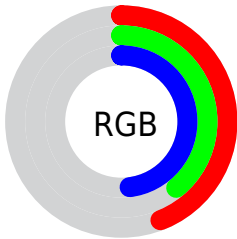
Format	Color
R_{YB}	113, 99, 123
Decimal	7431035
CIE Lab	44.04, 10.50, -11.36
CIE LCh	44, 15.468, 312.731
Yxy	13.8645, 0.3009, 0.2810
Android (android.graphics.Color)	4285621115 (0xFF71637B)
YUV	105.9220, 8.4195, 6.2074
Hunter-Lab	37.2350, 6.0136, -6.7890

Details

The Hex color **71637B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6D7B63**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **A596AF**, and **41344A** is the 20% darker color. If you saturate the color by 10%, you get **6C577B**, and if you desaturate by 10%, it is **766F7B**.

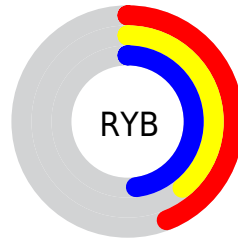
Distribution



Red (44%)

Green (39%)

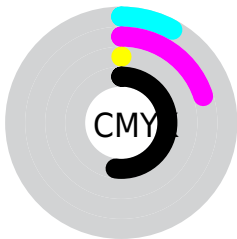
Blue (48%)



Red (44%)

Yellow (39%)

Blue (48%)

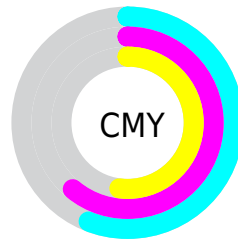


Cyan (8%)

Magenta (20%)

Yellow (0%)

Black (52%)



Cyan (56%)

Magenta (61%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71637B 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 71637B by changing the saturation by 10% instead.



71637B



71637B

FFFFFF



584B62



A596AF



41344A



C0B0CB



2B1F34



DCCCE7



17081F



F9E8FF



000003



000000



71637B



71637B



6C577B



766F7B



674A7B



7B7C7B

623E7B

80887B

5C327B

86947B

57257B

8BA17B

52197B

90AD7B

4D0D7B

95B97B

48017B

9AC57B

48007B

9FD27B

Harmonies

Analogous

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



606781



71637B



7D6070

Triad

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



71637B



796550



466F6D

Complementary

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



71637B



6D7B63

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.



4F6F60



71637B



6C694F

Square

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



71637B



816157



5E6D55



456E79

Rectangle

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



71637B



825F67



5E6D55



486F69

Sweetspot

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



71637B



9D97A1



636D7B



4F4C52



D1D1D1



525252

Same Dimension

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



71637B



917CA1



7B6379



3B373D



49007D



9300FC

Inverse Universe

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



7B636D



A17C8B



637B65



3D373A



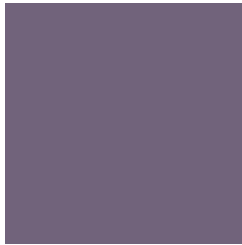
7D0034



FC0069

Previews

White Background



This preview shows how the Hex color 71637B looks on a white background.

Color Contrast Check

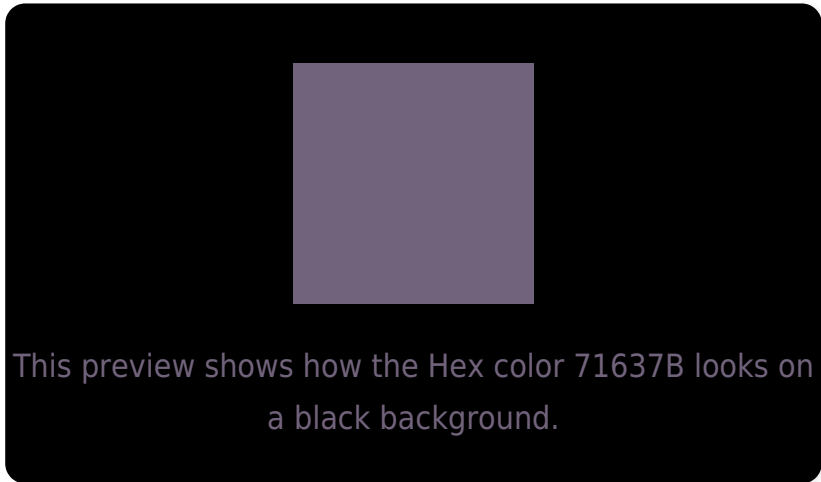
Large Text (above 18pt) WCAG AA ✓ Pass

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

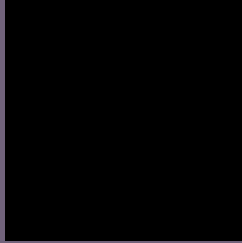
Any Text WCAG AA × Fail

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 71637B Background



This preview shows how black text looks on a background with the Hex color 71637B.



This preview shows how white text looks on a background with the Hex color 71637B.

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](#).

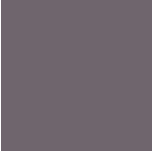
Dichromacy



Original Color
71637B

Protanopia
63677E

Deuteranopia
69667A



Tritanopia
6F656D

Trichromacy



Original Color
71637B

Protanomaly
68667D

Deuteranomaly
6C657A

Tritanomaly
706472

Monochromacy



Original Color
71637B

Achromatopsia
6A6A6A

Achromatomaly
6D6770

CSS Examples

Text

The CSS property to change the color of the text to Hex 71637B 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 #71637B looks like.

```
.text, #text, p{  
    color:#71637B  
}
```

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 #71637B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71637B
}
```

Border

The CSS property to change the border of an element to Hex 71637B 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".

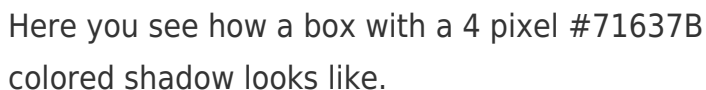
```
.border, #border, table{ border:4px solid
#71637B }
```

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

```
.border{ border-color:#71637B }
```

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

Here you see how a box with a 4 pixel #71637B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71637B; -webkit-box-shadow:4px 4px  
4px 4px #71637B; box-shadow:4px 4px 4px  
4px #71637B }
```

Background

The CSS property to change the background color of an element to Hex 71637B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71637B }
```

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

```
.background{ background-color:#71637B }
```

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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