

Converting Colors

Hex(66737B)

Have a look what the booklet for
Hex(66737B) contains.

Hex(66737B)	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(66737B)

Conversions

Conversions Part 1

Format	Color
Hex	66737B
RGB	102, 115, 123
RGB Percent	40%, 45%, 48%
CMY	0.6000, 0.5490, 0.5176
CMYK	0.17, 0.07, 0.00, 0.52
HSL	203°, 9%, 44%
HSV	203°, 17%, 48%
XYZ	15.1854, 16.5163, 21.1265
YIQ	112.0250, -10.3160, -0.2680

Conversions

Conversions Part 2

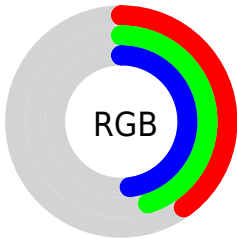
Format	Color
R_{YB}	102, 110, 123
Decimal	6714235
CIE Lab	47.64, -3.02, -6.05
CIE LCh	48, 6.765, 243.478
Yxy	16.5163, 0.2874, 0.3126
Android (android.graphics.Color)	4284904315 (0xFF66737B)
YUV	112.0250, 5.4107, -8.7919
Hunter-Lab	40.6403, -4.4233, -2.3732

Details

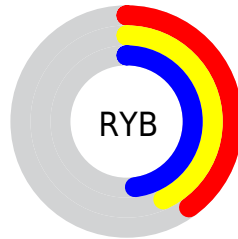
The Hex color **66737B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7B6E66**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **99A7AF**, and **37434A** is the 20% darker color. If you saturate the color by 10%, you get **5A6E7B**, and if you desaturate by 10%, it is **72787B**.

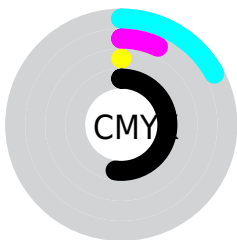
Distribution



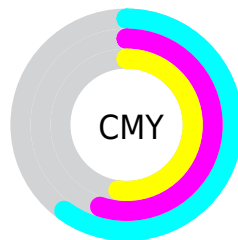
- Red (40%)
- Green (45%)
- Blue (48%)



- Red (40%)
- Yellow (43%)
- Blue (48%)



- Cyan (17%)
- Magenta (7%)
- Yellow (0%)
- Black (52%)



- Cyan (60%)
- Magenta (55%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66737B 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 66737B by changing the saturation by 10% instead.



66737B



66737B

FFFFFF



4E5A62



99A7AF



37434A



B4C2CB



212D34



D0DEE7



0C181F



ECFBFF



000005



000000



66737B



66737B



5A6E7B



72787B



4D6A7B



7F7C7B

41657B

8B817B

35607B

97867B

295C7B

A48A7B

1C577B

B08F7B

10527B

BC947B

044E7B

C8987B

004C7B

D59D7B

Harmonies

Analogous

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



637477



66737B



6C717C

Triad

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



66737B



7D6D71



6F7367

Complementary

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



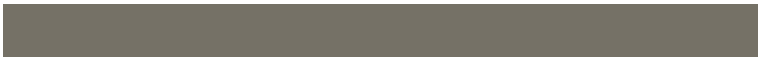
66737B



7B6E66

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.



757166



66737B



7D6E6B

Square

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



66737B



796E76



7A6F67



68746C

Rectangle

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



66737B



71707B



7A6F67



717267

Sweetspot

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



66737B



999EA1



667B6E



4D5052



D1D1D1



525252

Same Dimension

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



66737B



8194A1



66697B



373B3D



004D7D



009CFC

Inverse Universe

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



7B6673



A18194



7B7866



3D373B



7D004D



FC009C

Previews

White Background



This preview shows how the Hex color 66737B looks on a white background.

Color Contrast Check

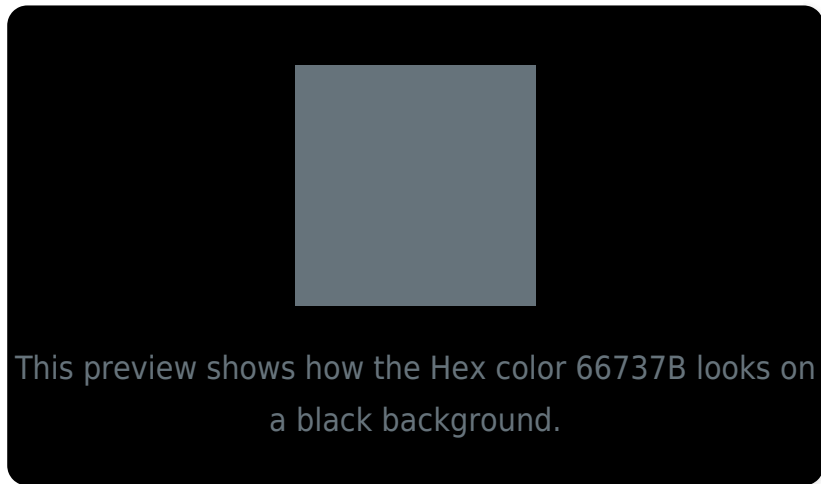
Large Text (above 18pt) WCAG AA ✓ Pass

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

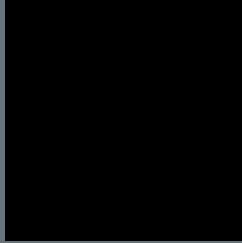
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

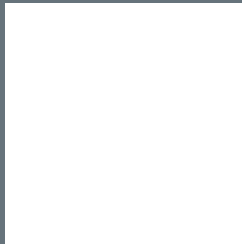
Any Text WCAG AAA × Fail

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

Hex 66737B Background



This preview shows how black text looks on a background with the Hex color 66737B.



This preview shows how white text looks on a background with the Hex color 66737B.

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](#).

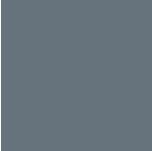
Dichromacy



Original Color
66737B

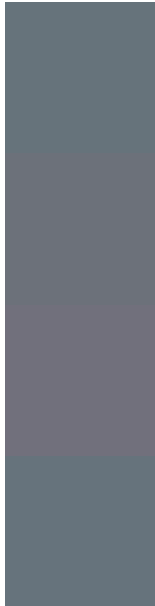
Protanopia
707079

Deuteranopia
776E7C



Tritanopia
66737C

Trichromacy



Original Color
66737B

Protanomaly
6C717A

Deuteranomaly
71707C

Tritanomaly
66737C

Monochromacy



Original Color
66737B

Achromatopsia
707070

Achromatomaly
6C7174

CSS Examples

Text

The CSS property to change the color of the text to Hex 66737B 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 #66737B looks like.

```
.text, #text, p{  
    color:#66737B  
}
```

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 #66737B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66737B  
}
```

Border

The CSS property to change the border of an element to Hex 66737B is called "border". The border property can be set on classes, ids or directly on the HTML element.

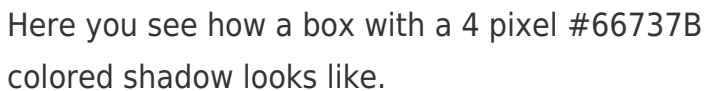
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#66737B }
```

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

```
.border{ border-color:#66737B }
```

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



Here you see how a box with a 4 pixel #66737B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66737B; -webkit-box-shadow:4px 4px  
4px 4px #66737B; box-shadow:4px 4px 4px  
4px #66737B }
```

Background

The CSS property to change the background color of an element to Hex 66737B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66737B }
```

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

```
.background{ background-color:#66737B }
```

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