

Converting Colors

Hex(6C767B)

Have a look what the booklet for
Hex(6C767B) contains.

Hex(6C767B)	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(6C767B)

Conversions

Conversions Part 1

Format	Color
Hex	6C767B
RGB	108, 118, 123
RGB Percent	42%, 46%, 48%
CMY	0.5765, 0.5373, 0.5176
CMYK	0.12, 0.04, 0.00, 0.52
HSL	200°, 6%, 45%
HSV	200°, 12%, 48%
XYZ	16.2379, 17.5751, 21.2754
YIQ	115.5800, -7.5650, -0.5650

Conversions

Conversions Part 2

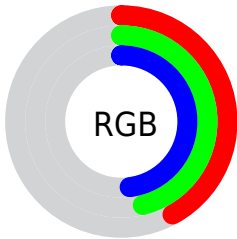
Format	Color
RYB	108, 114, 123
Decimal	7108219
CIELab	48.98, -2.63, -4.03
CIElCh	49, 4.812, 236.830
Yxy	17.5751, 0.2948, 0.3190
Android (android.graphics.Color)	4285298299 (0xFF6C767B)
YUV	115.5800, 3.6581, -6.6477
Hunter-Lab	41.9226, -4.2261, -0.7433

Details

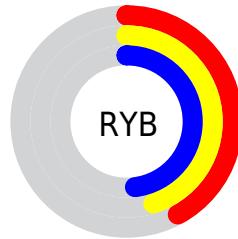
The Hex color **6C767B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7B716C**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **9FAAAF**, and **3C464A** is the 20% darker color. If you saturate the color by 10%, you get **60727B**, and if you desaturate by 10%, it is **787A7B**.

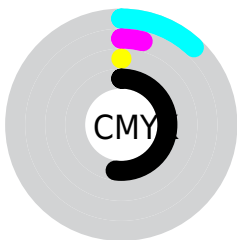
Distribution



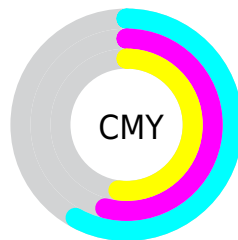
- Red (42%)
- Green (46%)
- Blue (48%)



- Red (42%)
- Yellow (45%)
- Blue (48%)



- Cyan (12%)
- Magenta (4%)
- Yellow (0%)
- Black (52%)



- Cyan (58%)
- Magenta (54%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6C767B 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 6C767B by changing the saturation by 10% instead.



6C767B



6C767B

FFFFFF



545D62



9FAAAF



3C464A



BAC5CB



272F34



D6E1E7



121B1F



F3FEFF



000006



000000



6C767B



6C767B



60727B



787A7B



536E7B



857E7B

476A7B

91827B

3B667B

9D867B

2F627B

AA8B7B

225D7B

B68F7B

16597B

C2937B

0A557B

CE977B

00527B

DB9B7B

Harmonies

Analogous

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



6B7778



6C767B



70757C

Triad

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



6C767B



7D7275



74756D

Complementary

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



6C767B



7B716C

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.



78746C



6C767B



7D7271

Square

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



6C767B



797279



7C736E



6F7670

Rectangle

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



6C767B



73747C



7C736E



75756D

Sweetspot

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



6C767B



9A9FA1



6C7B71



4E5052



D1D1D1



525252

Same Dimension

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



6C767B



8999A1



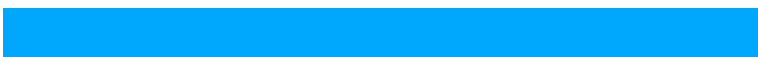
6C6F7B



373B3D



00537D



00A8FC

Inverse Universe

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



7B6C76



A18999



7B796C



3D373B



7D0053



FC00A8

Previews

White Background



This preview shows how the Hex color 6C767B 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

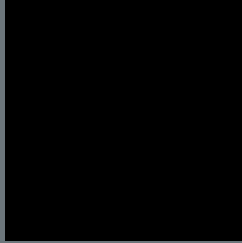
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

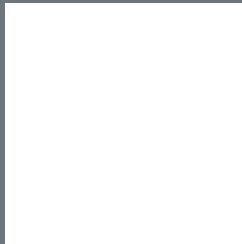
Any Text WCAG AAA × Fail

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

Hex 6C767B Background



This preview shows how black text looks on a background with the Hex color 6C767B.



This preview shows how white text looks on a background with the Hex color 6C767B.

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
6C767B

Protanopia
75747A

Deuteranopia
7C717C



Tritanopia
6D757F

Trichromacy



Original Color
6C767B

Protanomaly
72757A

Deuteranomaly
76737C

Tritanomaly
6D757E

Monochromacy



Original Color
6C767B

Achromatopsia
747474

Achromatomaly
717577

CSS Examples

Text

The CSS property to change the color of the text to Hex 6C767B 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 #6C767B looks like.

```
.text, #text, p{  
    color:#6C767B  
}
```

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 #6C767B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C767B  
}
```

Border

The CSS property to change the border of an element to Hex 6C767B is called "border". The border property can be set on classes, ids or directly on the HTML element.

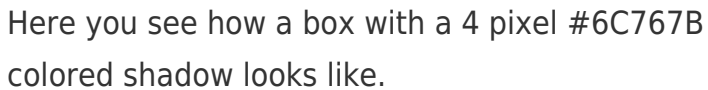
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#6C767B }
```

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

```
.border{ border-color:#6C767B }
```

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



Here you see how a box with a 4 pixel #6C767B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C767B; -webkit-box-shadow:4px 4px  
4px 4px #6C767B; box-shadow:4px 4px 4px  
4px #6C767B }
```

Background

The CSS property to change the background color of an element to Hex 6C767B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C767B }
```

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

```
.background{ background-color:#6C767B }
```

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