

Converting Colors

Hex(6C818B)

Have a look what the booklet for
Hex(6C818B) contains.

Hex(6C818B)	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(6C818B)

Conversions

Conversions Part 1

Format	Color
Hex	6C818B
RGB	108, 129, 139
RGB Percent	42%, 51%, 55%
CMY	0.5765, 0.4941, 0.4549
CMYK	0.22, 0.07, 0.00, 0.45
HSL	199°, 13%, 48%
HSV	199°, 22%, 55%
XYZ	18.6948, 20.7527, 27.4465
YIQ	123.8610, -15.7260, -1.3420

Conversions

Conversions Part 2

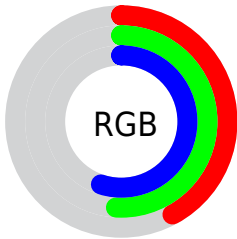
Format	Color
RYB	108, 121, 139
Decimal	7111051
CIELab	52.68, -5.25, -7.93
CIELCh	53, 9.507, 236.515
Yxy	20.7527, 0.2795, 0.3102
Android (android.graphics.Color)	4285301131 (0xFF6C818B)
YUV	123.8610, 7.4635, -13.9101
Hunter-Lab	45.5552, -6.4692, -3.8329

Details

The Hex color **6C818B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **8B766C**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **A0B6C0**, and **3C5059** is the 20% darker color. If you saturate the color by 10%, you get **5E7D8B**, and if you desaturate by 10%, it is **7A858B**.

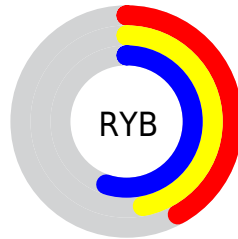
Distribution



Red (42%)

Green (51%)

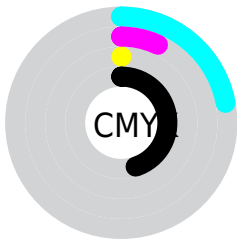
Blue (55%)



Red (42%)

Yellow (47%)

Blue (55%)

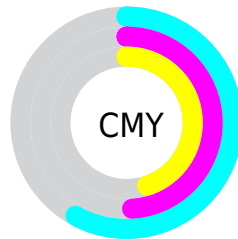


Cyan (22%)

Magenta (7%)

Yellow (0%)

Black (45%)



Cyan (58%)

Magenta (49%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6C818B 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 6C818B by changing the saturation by 10% instead.

■ 6C818B

■ 6C818B

FFFFFF

■ 536872

■ A0B6C0

■ 3C5059

■ BBD1DC

■ 253942

■ D7EEF9

■ 0F232C

■ F3FFFF

■ 000E17

■ 000000

■ 6C818B

■ 6C818B

■ 5E7D8B

■ 7A858B

■ 50788B

■ 888A8B

42748B

968E8B

346F8B

A4938B

276B8B

B2978B

19668B

BF9C8B

0B628B

CDA08B

005E8B

DBA58B

E9A98B

Harmonies

Analogous

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



698285



6C818B



747F8E

Triad

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



6C818B



8E787F



7C7F6F

Complementary

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



6C818B



8B766C

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.



857D6E



6C818B



8F7977

Square

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



6C818B



887A87



8C7A70



738175

Rectangle

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



6C818B



7B7D8D



8C7A70



807F6E

Sweetspot

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



6C818B



A8B1B5



6C8B76



54595C



DBDBDB



5C5C5C

Same Dimension

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



6C818B



84A5B5



6C728B



3E4345



005A85



000305

Inverse Universe

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



8B6C81



B584A5



8B856C



453E43



85005A



050003

Previews

White Background



This preview shows how the Hex color 6C818B looks on a white background.

Color Contrast Check

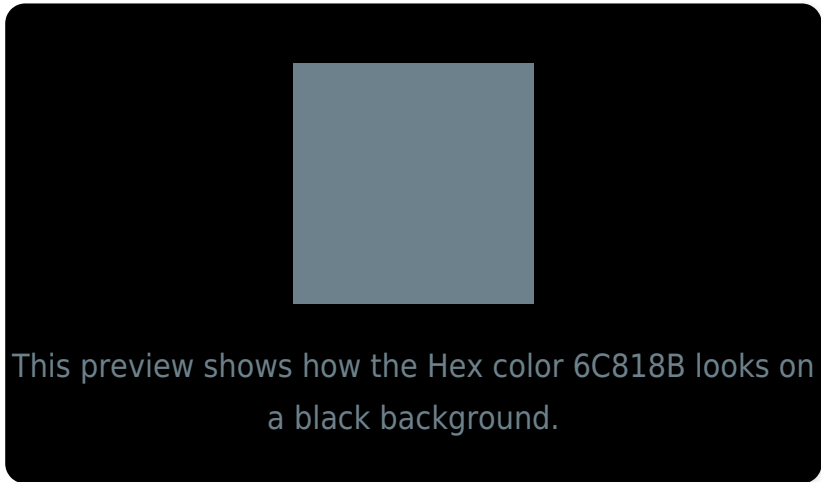
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

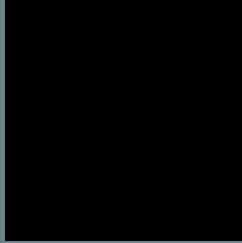
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

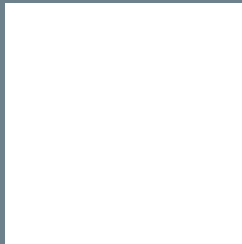
Any Text WCAG AAA × Fail

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

Hex 6C818B Background



This preview shows how black text looks on a background with the Hex color 6C818B.



This preview shows how white text looks on a background with the Hex color 6C818B.

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
6C818B

Protanopia
7D7D88

Deuteranopia
837A8C



Tritanopia
6C818B

Trichromacy



Original Color
6C818B

Protanomaly
777E89

Deuteranomaly
7B7D8C

Tritanomaly
6C818B

Monochromacy



Original Color
6C818B

Achromatopsia
7C7C7C

Achromatomaly
767E81

CSS Examples

Text

The CSS property to change the color of the text to Hex 6C818B 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 #6C818B looks like.

```
.text, #text, p{  
    color:#6C818B  
}
```

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 #6C818B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C818B
}
```

Border

The CSS property to change the border of an element to Hex 6C818B 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
#6C818B }
```

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

```
.border{ border-color:#6C818B }
```

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

Here you see how a box with a 4 pixel #6C818B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C818B; -webkit-box-shadow:4px 4px  
4px 4px #6C818B; box-shadow:4px 4px 4px  
4px #6C818B }
```

Background

The CSS property to change the background color of an element to Hex 6C818B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C818B }
```

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

```
.background{ background-color:#6C818B }
```

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