

Converting Colors

Hex(6B7D8A)

Have a look what the booklet for
Hex(6B7D8A) contains.

Hex(6B7D8A)	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(6B7D8A)

Conversions

Conversions Part 1

Format	Color
Hex	6B7D8A
RGB	107, 125, 138
RGB Percent	42%, 49%, 54%
CMY	0.5804, 0.5098, 0.4588
CMYK	0.22, 0.09, 0.00, 0.46
HSL	205°, 13%, 48%
HSV	205°, 22%, 54%
XYZ	17.9845, 19.6280, 26.8855
YIQ	121.1000, -14.9010, 0.2270

Conversions

Conversions Part 2

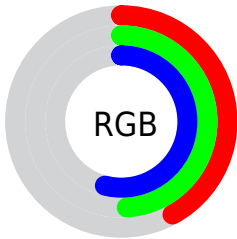
Format	Color
R_{YB}	107, 118, 138
Decimal	7044490
CIE _{Lab}	51.41, -3.53, -9.24
CIE _{LCh}	51, 9.892, 249.104
Yxy	19.6280, 0.2788, 0.3043
Android (android.graphics.Color)	4285234570 (0xFF6B7D8A)
YUV	121.1000, 8.3317, -12.3657
Hunter-Lab	44.3035, -5.0713, -4.9675

Details

The Hex color **6B7D8A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **8A786B**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **9FB2BF**, and **3B4C58** is the 20% darker color. If you saturate the color by 10%, you get **5D778A**, and if you desaturate by 10%, it is **79838A**.

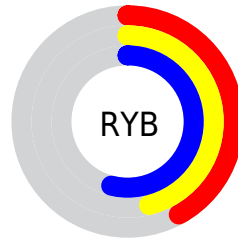
Distribution



Red (42%)

Green (49%)

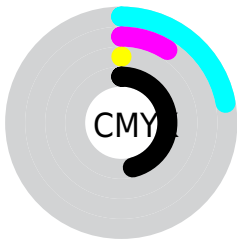
Blue (54%)



Red (42%)

Yellow (46%)

Blue (54%)

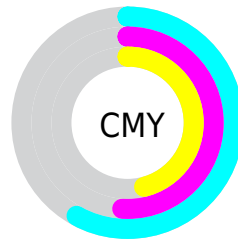


Cyan (22%)

Magenta (9%)

Yellow (0%)

Black (46%)



Cyan (58%)

Magenta (51%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B7D8A 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 6B7D8A by changing the saturation by 10% instead.

■ 6B7D8A

■ 6B7D8A

FFFFFF

■ 526471

■ 9FB2BF

■ 3B4C58

■ BACDDB

■ 243641

■ D6E9F8

■ 0F202B

■ F2FFFF

■ 000917

■ 000000

■ 6B7D8A

■ 6B7D8A

■ 5D778A

■ 79838A

■ 4F718A

■ 87898A

426C8A

948E8A

34668A

A2948A

26608A

B09A8A

185A8A

BEA08A

0A548A

CCA68A

00508A

D9AB8A

E7B18A

Harmonies

Analogous

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



667F85



6B7D8A



757A8B

Triad

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



6B7D8A



8C7578



757D6D

Complementary

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



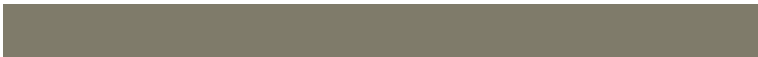
6B7D8A



8A786B

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.



7F7B6A



6B7D8A



8C7670

Square

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



6B7D8A



887581



87786B



6C7F74

Rectangle

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



6B7D8A



7C7889



87786B



787C6C

Sweetspot

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



6B7D8A



A6ADB3



6B8A78



525659



D9D9D9



595959

Same Dimension

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



6B7D8A



829EB3



6B6E8A



3E4245



004D85



000305

Inverse Universe

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



8A6B7D



B3829E



8A876B



453E42



85004D



050003

Previews

White Background



This preview shows how the Hex color 6B7D8A looks on a white background.

Color Contrast Check

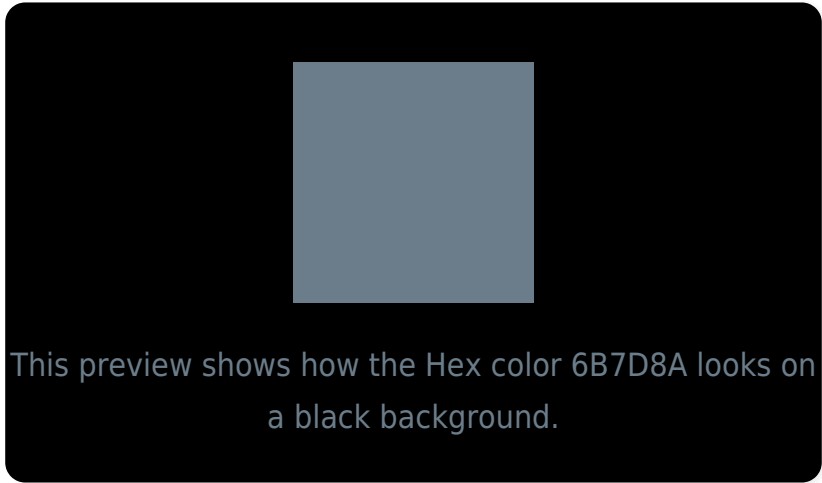
Large Text (above 18pt) WCAG AA ✓ Pass

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

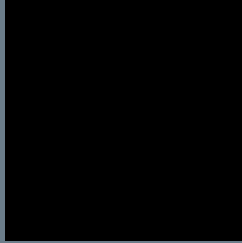
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

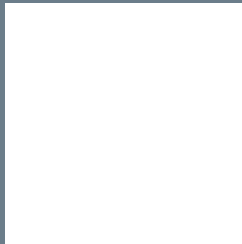
Any Text WCAG AAA × Fail

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

Hex 6B7D8A Background



This preview shows how black text looks on a background with the Hex color 6B7D8A.

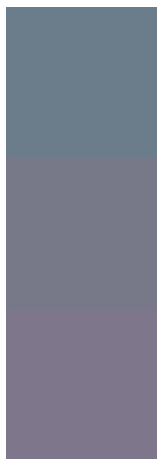


This preview shows how white text looks on a background with the Hex color 6B7D8A.

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](#).

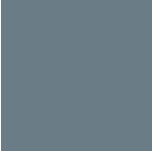
Dichromacy



Original Color
6B7D8A

Protanopia
787988

Deuteranopia
7E778B



Tritanopia
6A7D87

Trichromacy



Original Color
6B7D8A

Protanomaly
737A89

Deuteranomaly
77798B

Tritanomaly
6A7D88

Monochromacy



Original Color
6B7D8A

Achromatopsia
797979

Achromatomaly
747A7F

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B7D8A 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 #6B7D8A looks like.

```
.text, #text, p{  
    color:#6B7D8A  
}
```

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 #6B7D8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B7D8A
}
```

Border

The CSS property to change the border of an element to Hex 6B7D8A 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
#6B7D8A }
```

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

```
.border{ border-color:#6B7D8A }
```

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

Here you see how a box with a 4 pixel #6B7D8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B7D8A; -webkit-box-shadow:4px 4px  
4px 4px #6B7D8A; box-shadow:4px 4px 4px  
4px #6B7D8A }
```

Background

The CSS property to change the background color of an element to Hex 6B7D8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B7D8A }
```

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

```
.background{ background-color:#6B7D8A }
```

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