

Converting Colors

Hex(6B7A8A)

Have a look what the booklet for
Hex(6B7A8A) contains.

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Color

Hex(6B7A8A)

Conversions

Conversions Part 1

Format	Color
Hex	6B7A8A
RGB	107, 122, 138
RGB Percent	42%, 48%, 54%
CMY	0.5804, 0.5216, 0.4588
CMYK	0.22, 0.12, 0.00, 0.46
HSL	211°, 13%, 48%
HSV	211°, 22%, 54%
XYZ	17.6104, 18.8798, 26.7608
YIQ	119.3390, -14.0760, 1.7960

Conversions

Conversions Part 2

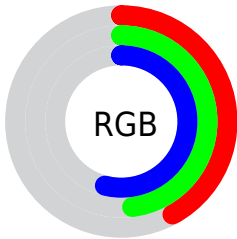
Format	Color
R _{YB}	107, 117, 138
Decimal	7043722
CIE Lab	50.55, -1.79, -10.54
CIE LCh	51, 10.695, 260.351
Yxy	18.8798, 0.2784, 0.2985
Android (android.graphics.Color)	4285233802 (0xFF6B7A8A)
YUV	119.3390, 9.1999, -10.8213
Hunter-Lab	43.4509, -3.6943, -6.1001

Details

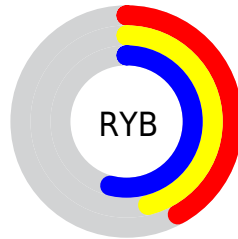
The Hex color **6B7A8A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **8A7B6B**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **9FAEBF**, and **3B4958** is the 20% darker color. If you saturate the color by 10%, you get **5D738A**, and if you desaturate by 10%, it is **79818A**.

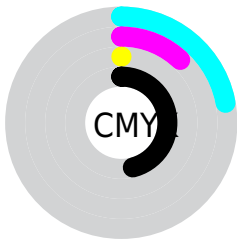
Distribution



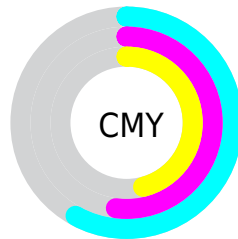
- Red (42%)
- Green (48%)
- Blue (54%)



- Red (42%)
- Yellow (46%)
- Blue (54%)



- Cyan (22%)
- Magenta (12%)
- Yellow (0%)
- Black (46%)



- Cyan (58%)
- Magenta (52%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B7A8A 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 6B7A8A by changing the saturation by 10% instead.



6B7A8A



6B7A8A

FFFFFF



526171



9FAEBF



3B4958



BACADB



243341



D6E6F8



0F1E2B



F2FFFF



000417



000000



6B7A8A



6B7A8A



5D738A



79818A



4F6C8A



87888A

■ 42658A

■ 948F8A

■ 345E8A

■ A2968A

■ 26568A

■ B09E8A

■ 184F8A

■ BEA58A

■ 0A488A

■ CCAC8A

■ 00438A

■ D9B38A

■ E7BA8A

Harmonies

Analogous

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



637C86



6B7A8A



767789

Triad

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



6B7A8A



8C7272



6E7C6C

Complementary

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



6B7A8A



8A7B6B

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.



797A67



6B7A8A



89746B

Square

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



6B7A8A



89727C



837767



667E75

Rectangle

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



6B7A8A



7E7586



837767



727B6A

Sweetspot

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



6B7A8A



A6ACB3



6B8A7B



525659



D9D9D9



595959

Same Dimension

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



6B7A8A



829AB3



6B6B8A



3E4145



004085



000205

Inverse Universe

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



8A6B7A



B3829A



8A8A6B



453E41



850040



050002

Previews

White Background



This preview shows how the Hex color 6B7A8A looks on a white background.

Color Contrast Check

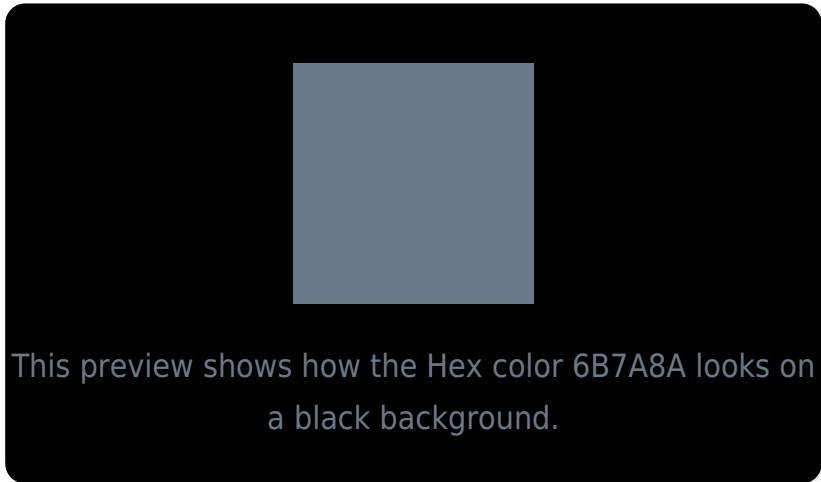
Large Text (above 18pt) WCAG AA ✓ Pass

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

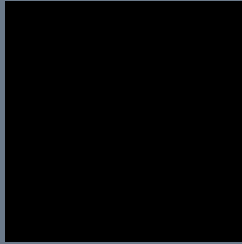
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

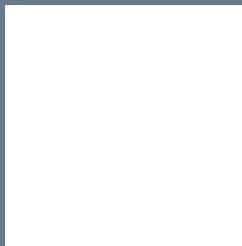
Any Text WCAG AAA × Fail

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

Hex 6B7A8A Background



This preview shows how black text looks on a background with the Hex color 6B7A8A.



This preview shows how white text looks on a background with the Hex color 6B7A8A.

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

6B7A8A

Protanopia

757788

Deuteranopia

7B758B



Tritanopia
6A7B85

Trichromacy



Original Color
6B7A8A

Protanomaly
717889

Deuteranomaly
75778B

Tritanomaly
6A7B87

Monochromacy



Original Color
6B7A8A

Achromatopsia
777777

Achromatomaly
73787E

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B7A8A 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 #6B7A8A looks like.

```
.text, #text, p{  
    color:#6B7A8A  
}
```

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 #6B7A8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B7A8A
}
```

Border

The CSS property to change the border of an element to Hex 6B7A8A is called "border". The border property can be set on classes, ids or directly on the HTML element.

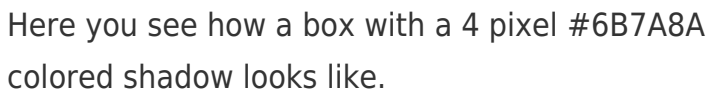
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B7A8A }
```

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

```
.border{ border-color:#6B7A8A }
```

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



Here you see how a box with a 4 pixel #6B7A8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B7A8A; -webkit-box-shadow:4px 4px  
4px 4px #6B7A8A; box-shadow:4px 4px 4px  
4px #6B7A8A }
```

Background

The CSS property to change the background color of an element to Hex 6B7A8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B7A8A }
```

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

```
.background{ background-color:#6B7A8A }
```

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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