

Converting Colors

Hex(6F7D8B)

Have a look what the booklet for
Hex(6F7D8B) contains.

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Color

Hex(6F7D8B)

Conversions

Conversions Part 1

Format	Color
Hex	6F7D8B
RGB	111, 125, 139
RGB Percent	44%, 49%, 55%
CMY	0.5647, 0.5098, 0.4549
CMYK	0.20, 0.10, 0.00, 0.45
HSL	210°, 11%, 49%
HSV	210°, 20%, 55%
XYZ	18.5494, 19.9108, 27.2916
YIQ	122.4100, -12.8380, 1.3860

Conversions

Conversions Part 2

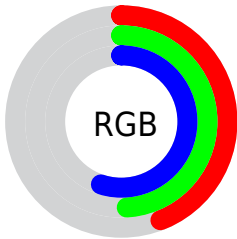
Format	Color
R_{YB}	111, 120, 139
Decimal	7306635
CIE _{Lab}	51.74, -1.94, -9.31
CIE _{LCh}	52, 9.515, 258.219
Yxy	19.9108, 0.2821, 0.3028
Android (android.graphics.Color)	4285496715 (0xFF6F7D8B)
YUV	122.4100, 8.1789, -10.0066
Hunter-Lab	44.6215, -3.8845, -5.0281

Details

The Hex color **6F7D8B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **8B7D6F**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **A3B2C0**, and **3F4C59** is the 20% darker color. If you saturate the color by 10%, you get **61768B**, and if you desaturate by 10%, it is **7D848B**.

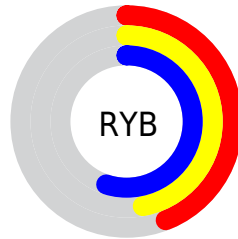
Distribution



Red (44%)

Green (49%)

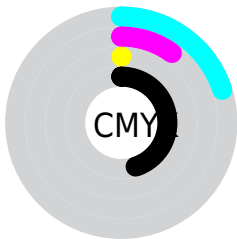
Blue (55%)



Red (44%)

Yellow (47%)

Blue (55%)

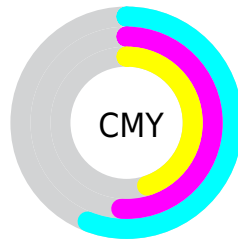


Cyan (20%)

Magenta (10%)

Yellow (0%)

Black (45%)



Cyan (56%)

Magenta (51%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6F7D8B 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 6F7D8B by changing the saturation by 10% instead.



6F7D8B



6F7D8B

FFFFFF



566472



A3B2C0



3F4C59



BECDDC



283642



DAE9F9



13202C



F7FFFF



000917



000000



6F7D8B



6F7D8B



61768B



7D848B



536F8B



8B8B8B

45688B

99928B

37618B

A7998B

2A5A8B

B5A08B

1C538B

C2A78B

0E4C8B

D0AE8B

00468B

DEB58B

ECBC8B

Harmonies

Analogous

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



687F87



6F7D8B



797A8B

Triad

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



6F7D8B



8D7677



737F70

Complementary

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



6F7D8B



8B7D6F

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.



7D7C6C



6F7D8B



8B7770

Square

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



6F7D8B



8A767F



857A6C



6B8078

Rectangle

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



6F7D8B



807988



857A6C



767E6E

Sweetspot

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



6F7D8B



AAB0B5



6F8B7D



55595C



DBDBDB



5C5C5C

Same Dimension

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



6F7D8B



8A9FB5



6F6F8B



3E4145



004285



000305

Inverse Universe

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



8B6F7D



B58A9F



8B8B6F



453E41



850042



050003

Previews

White Background



This preview shows how the Hex color 6F7D8B looks on a white background.

Color Contrast Check

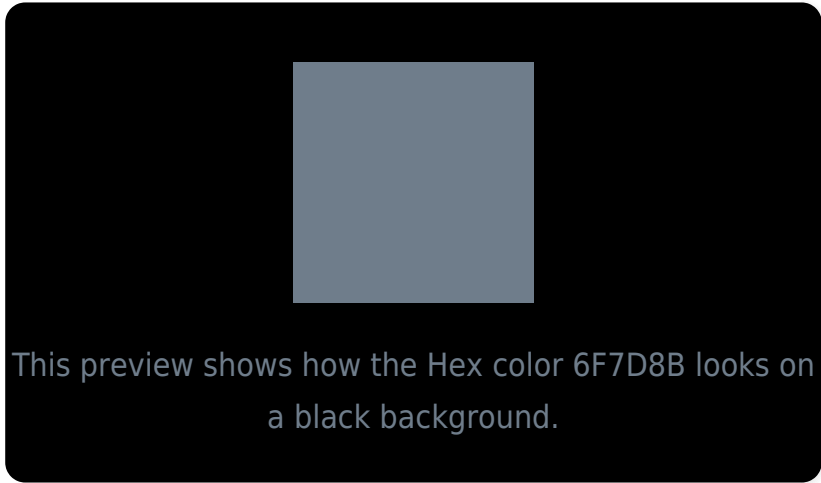
Large Text (above 18pt) WCAG AA ✓ Pass

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

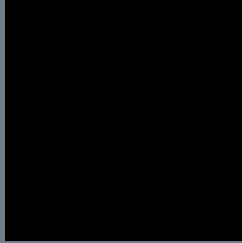
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

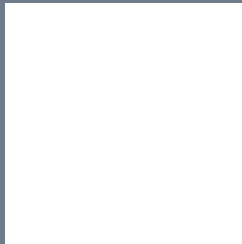
Any Text WCAG AAA × Fail

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

Hex 6F7D8B Background



This preview shows how black text looks on a background with the Hex color 6F7D8B.



This preview shows how white text looks on a background with the Hex color 6F7D8B.

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
6F7D8B

Protanopia
797A89

Deuteranopia
7F788C



Tritanopia
6E7E88

Trichromacy



Original Color
6F7D8B

Protanomaly
757B8A

Deuteranomaly
797A8C

Tritanomaly
6E7E89

Monochromacy



Original Color
6F7D8B

Achromatopsia
7A7A7A

Achromatomaly
767B80

CSS Examples

Text

The CSS property to change the color of the text to Hex 6F7D8B 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 #6F7D8B looks like.

```
.text, #text, p{  
    color:#6F7D8B  
}
```

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 #6F7D8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F7D8B
}
```

Border

The CSS property to change the border of an element to Hex 6F7D8B is called "border". The border property can be set on classes, ids or directly on the HTML element.

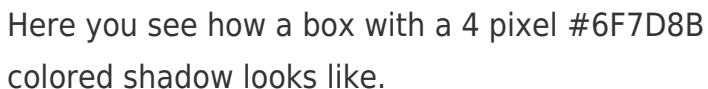
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6F7D8B }
```

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

```
.border{ border-color:#6F7D8B }
```

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



Here you see how a box with a 4 pixel #6F7D8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F7D8B; -webkit-box-shadow:4px 4px  
4px 4px #6F7D8B; box-shadow:4px 4px 4px  
4px #6F7D8B }
```

Background

The CSS property to change the background color of an element to Hex 6F7D8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F7D8B }
```

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

```
.background{ background-color:#6F7D8B }
```

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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