

Converting Colors

Hex(6F7B89)

Have a look what the booklet for
Hex(6F7B89) contains.

Hex(6F7B89)	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(6F7B89)

Conversions

Conversions Part 1

Format	Color
Hex	6F7B89
RGB	111, 123, 137
RGB Percent	44%, 48%, 54%
CMY	0.5647, 0.5176, 0.4627
CMYK	0.19, 0.10, 0.00, 0.46
HSL	212°, 10%, 49%
HSV	212°, 19%, 54%
XYZ	18.1539, 19.3516, 26.4453
YIQ	121.0080, -11.6460, 1.8100

Conversions

Conversions Part 2

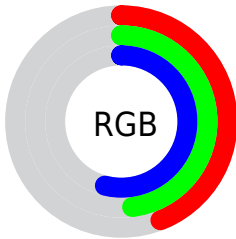
Format	Color
R_YB	111, 119, 137
Decimal	7306121
CIE Lab	51.10, -1.26, -9.10
CIE LCh	51, 9.188, 262.122
Yxy	19.3516, 0.2839, 0.3026
Android (android.graphics.Color)	4285496201 (0xFF6F7B89)
YUV	121.0080, 7.8841, -8.7770
Hunter-Lab	43.9904, -3.3203, -4.8495

Details

The Hex color **6F7B89** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **897D6F**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **A3AFBE**, and **3F4A57** is the 20% darker color. If you saturate the color by 10%, you get **617489**, and if you desaturate by 10%, it is **7D8289**.

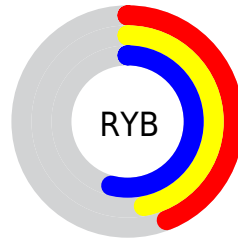
Distribution



Red (44%)

Green (48%)

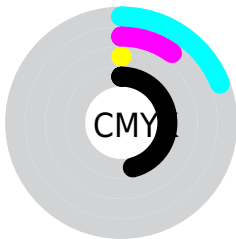
Blue (54%)



Red (44%)

Yellow (47%)

Blue (54%)

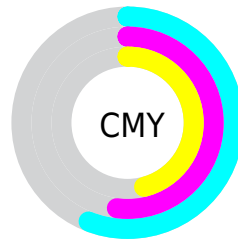


Cyan (19%)

Magenta (10%)

Yellow (0%)

Black (46%)



Cyan (56%)

Magenta (52%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6F7B89 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 6F7B89 by changing the saturation by 10% instead.

■ 6F7B89

■ 6F7B89

FFFFFF

■ 566270

■ A3AFBE

■ 3F4A57

■ BECBDA

■ 283440

■ DAE7F7

■ 131F2A

■ F7FFFF

■ 000616

■ 000000

■ 6F7B89

■ 6F7B89

■ 617489

■ 7D8289

■ 546C89

■ 8A8A89

■ 466589

■ 989189

■ 385D89

■ A69989

■ 2B5689

■ B3A089

■ 1D4F89

■ C1A789

■ 0F4789

■ CF4F89

■ 014089

■ DDB689

■ 003F89

■ EABD89

Harmonies

Analogous

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



687D86



6F7B89



797888

Triad

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



6F7B89



8B7574



717D70

Complementary

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



6F7B89



897D6F

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.



7A7B6B



6F7B89



88766E

Square

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



6F7B89



88757C



82786A



697E77

Rectangle

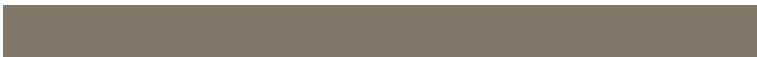
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



6F7B89



7F7785



82786A



747C6E

Sweetspot

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



6F7B89



A8ADB3



6F897D



535659



D9D9D9



595959

Same Dimension

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



6F7B89



899CB3



706F89



3E4145



003D85



000205

Inverse Universe

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



896F7B



B3899C



88896F



453E41



85003D



050002

Previews

White Background



This preview shows how the Hex color 6F7B89 looks on a white background.

Color Contrast Check

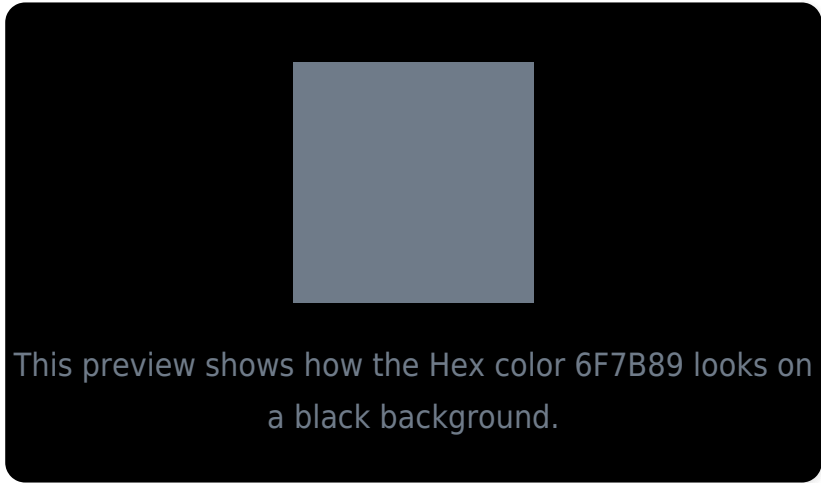
Large Text (above 18pt) WCAG AA ✓ Pass

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

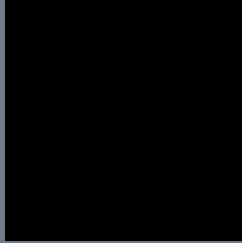
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

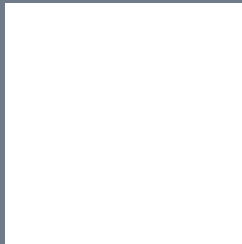
Any Text WCAG AAA × Fail

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

Hex 6F7B89 Background



This preview shows how black text looks on a background with the Hex color 6F7B89.



This preview shows how white text looks on a background with the Hex color 6F7B89.

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

6F7B89

Protanopia

787988

Deuteranopia

7E768A



Tritanopia
6E7C85

Trichromacy



Original Color
6F7B89

Protanomaly
757A88

Deuteranomaly
79788A

Tritanomaly
6E7C86

Monochromacy



Original Color
6F7B89

Achromatopsia
797979

Achromatomaly
757A7F

CSS Examples

Text

The CSS property to change the color of the text to Hex 6F7B89 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 #6F7B89 looks like.

```
.text, #text, p{  
    color:#6F7B89  
}
```

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 #6F7B89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F7B89
}
```

Border

The CSS property to change the border of an element to Hex 6F7B89 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
#6F7B89 }
```

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

```
.border{ border-color:#6F7B89 }
```

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

Here you see how a box with a 4 pixel #6F7B89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F7B89; -webkit-box-shadow:4px 4px  
4px 4px #6F7B89; box-shadow:4px 4px 4px  
4px #6F7B89 }
```

Background

The CSS property to change the background color of an element to Hex 6F7B89 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F7B89 }
```

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

```
.background{ background-color:#6F7B89 }
```

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