

# Converting Colors

Hex(6B7C72)

Have a look what the booklet for  
Hex(6B7C72) contains.

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# Color

Hex(6B7C72)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6B7C72
RGB	107, 124, 114
RGB Percent	42%, 49%, 45%
CMY	0.5804, 0.5137, 0.5529
CMYK	0.14, 0.00, 0.08, 0.51
HSL	145°, 7%, 45%
HSV	145°, 14%, 49%
XYZ	16.3083, 18.7560, 18.6803
YIQ	117.7770, -6.9220, -6.7140

# Conversions

## Conversions Part 2

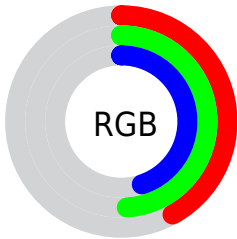
<b>Format</b>	<b>Color</b>
<b>RYB</b>	107, 119, 124
Decimal	7044210
CIELab	50.40, -8.37, 3.35
CIElCh	50, 9.016, 158.175
Yxy	18.7560, 0.3034, 0.3490
Android (android.graphics.Color)	4285234290 (0xFF6B7C72)
YUV	117.7770, -1.8621, -9.4514
Hunter-Lab	43.3082, -8.5727, 4.7419

# Details

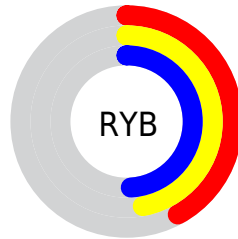
The Hex color **6B7C72** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7C6B75**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **9EB1A6**, and **3C4B42** is the 20% darker color. If you saturate the color by 10%, you get **5F7C6B**, and if you desaturate by 10%, it is **777C79**.

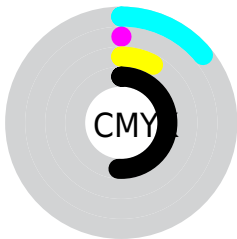
# Distribution



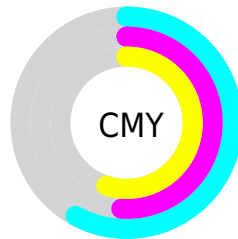
- Red (42%)
- Green (49%)
- Blue (45%)



- Red (42%)
- Yellow (47%)
- Blue (49%)



- Cyan (14%)
- Magenta (0%)
- Yellow (8%)
- Black (51%)



- Cyan (58%)
- Magenta (51%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B7C72 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 6B7C72 by changing the saturation by 10% instead.





6B7C72



6B7C72

FFFFFF



53635A



9EB1A6



3C4B42



B9CCC1



26352C



D5E8DD



111F18



F2FFF9



000300



000000



6B7C72



6B7C72



5F7C6B



777C79



527C63



847C81

 467C5C


 907C88

 397C55

 9D7C8F

 2D7C4E

 A97C96

 217C46

 B57C9E

 147C3F

 C27CA5

 087C38

 CE7CAC

 007C33

 DB7CB4

# Harmonies

## Analogous

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



737A6C



6B7C72



667D7A

# Triad

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



6B7C72



727887



88746F

# Complementary

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



6B7C72



7C6B75

# 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.



887376



6B7C72



7C7584

# Square

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



6B7C72



6A7A86



84737E



83766A

# Rectangle

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



6B7C72



657C7F



84737E



887371



# Sweetspot

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



6B7C72



9AA19D



757C6B



4E524F



D1D1D1



525252



# Same Dimension

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



6B7C72



87A192



6B7C7A



373D3A



007D33



00FC68



# Inverse Universe

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



7C6B75



A18796



7C6B6D



3D373B



7D0049



FC0094



# Previews

## White Background



This preview shows how the Hex color 6B7C72 looks on a white background.

## Color Contrast Check

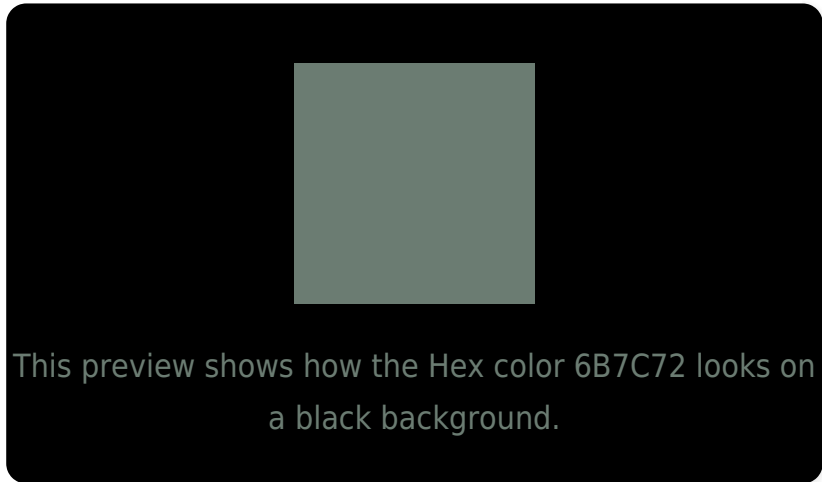
Large Text (above 18pt) WCAG AA ✓ Pass

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

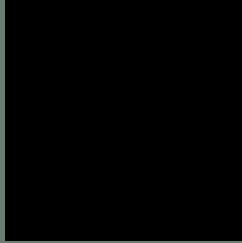
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6B7C72 Background



This preview shows how black text looks on a background with the Hex color 6B7C72.



This preview shows how white text looks on a background with the Hex color 6B7C72.

# 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**  
6B7C72

**Protanopia**  
7C776F

**Deuteranopia**  
857474



**Tritanopia**  
6E7983

# Trichromacy



**Original Color**

6B7C72

**Protanomaly**

767970

**Deuteranomaly**

7C7773

**Tritanomaly**

6D7A7D

# Monochromacy



**Original Color**

6B7C72

**Achromatopsia**

767676

**Achromatomaly**

727875

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B7C72 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 #6B7C72 looks like.

```
.text, #text, p{  
    color:#6B7C72  
}
```

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 #6B7C72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B7C72
}
```

## Border

The CSS property to change the border of an element to Hex 6B7C72 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
#6B7C72 }
```

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

```
.border{ border-color:#6B7C72 }
```

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

Here you see how a box with a 4 pixel #6B7C72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B7C72; -webkit-box-shadow:4px 4px  
4px 4px #6B7C72; box-shadow:4px 4px 4px  
4px #6B7C72 }
```

# Background

The CSS property to change the background color of an element to Hex 6B7C72 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B7C72 }
```

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

```
.background{ background-color:#6B7C72 }
```

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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