

# Converting Colors

Hex(6A7D82)

Have a look what the booklet for  
Hex(6A7D82) contains.

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# Color

Hex(6A7D82)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6A7D82
RGB	106, 125, 130
RGB Percent	42%, 49%, 51%
CMY	0.5843, 0.5098, 0.4902
CMYK	0.18, 0.04, 0.00, 0.49
HSL	192°, 10%, 46%
HSV	192°, 18%, 51%
XYZ	17.3067, 19.3431, 23.9405
YIQ	119.8890, -12.9290, -2.4730

# Conversions

## Conversions Part 2

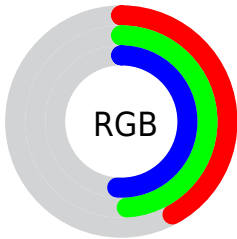
Format	Color
<b>R<sub>YB</sub></b>	106, 117, 130
Decimal	6978946
CIE <sub>Lab</sub>	51.09, -5.77, -5.05
CIE <sub>LCh</sub>	51, 7.664, 221.189
Yxy	19.3431, 0.2856, 0.3192
Android (android.graphics.Color)	4285169026 (0xFF6A7D82)
YUV	119.8890, 4.9847, -12.1807
Hunter-Lab	43.9808, -6.7255, -1.4874

# Details

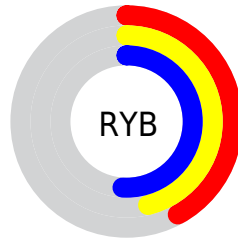
The Hex color **6A7D82** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **826F6A**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **9EB2B7**, and **3A4C51** is the 20% darker color. If you saturate the color by 10%, you get **5D7A82**, and if you desaturate by 10%, it is **778082**.

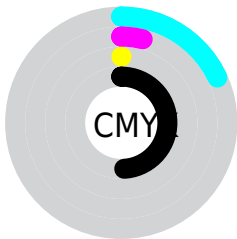
# Distribution



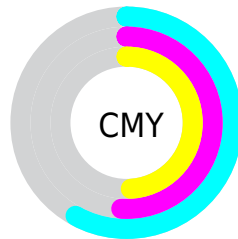
- Red (42%)
- Green (49%)
- Blue (51%)



- Red (42%)
- Yellow (46%)
- Blue (51%)



- Cyan (18%)
- Magenta (4%)
- Yellow (0%)
- Black (49%)



- Cyan (58%)
- Magenta (51%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A7D82 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 6A7D82 by changing the saturation by 10% instead.



6A7D82

6A7D82

FFFFFF

526469

9EB2B7

3A4C51

B9CDD2

24353A

D4E9EF

0F2024

F1FFFF

00080F

000000

6A7D82

6A7D82

5D7A82

778082

507882

848282

437582

918582

367282

9E8882

296F82

AB8B82

1C6D82

B88D82

0F6A82

C59082

026782

D29382

006782

DF9582

# Harmonies

## Analogous

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



6A7E7C



6A7D82



6E7B86

# Triad

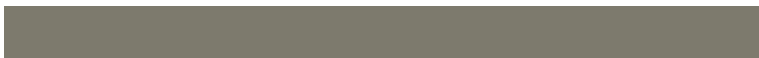
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



6A7D82



84767E



7D7A6D

# Complementary

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



6A7D82



826F6A

# 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.



83786D



6A7D82



887577

# Square

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



6A7D82



7E7784



877671



757C70

# Rectangle

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



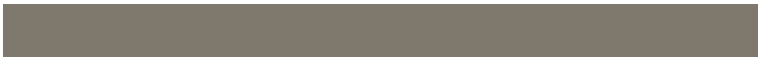
6A7D82



737A87



877671



7F796D



# Sweetspot

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



6A7D82



9EA6A8



6A826F



4E5354



D4D4D4



545454



# Same Dimension

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



6A7D82



83A1A8



6A7182



393E40



006580



000000



# Inverse Universe

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



826A7D



A883A1



827B6A



40393E



800065



000000



# Previews

## White Background



This preview shows how the Hex color 6A7D82 looks on a white background.

## Color Contrast Check

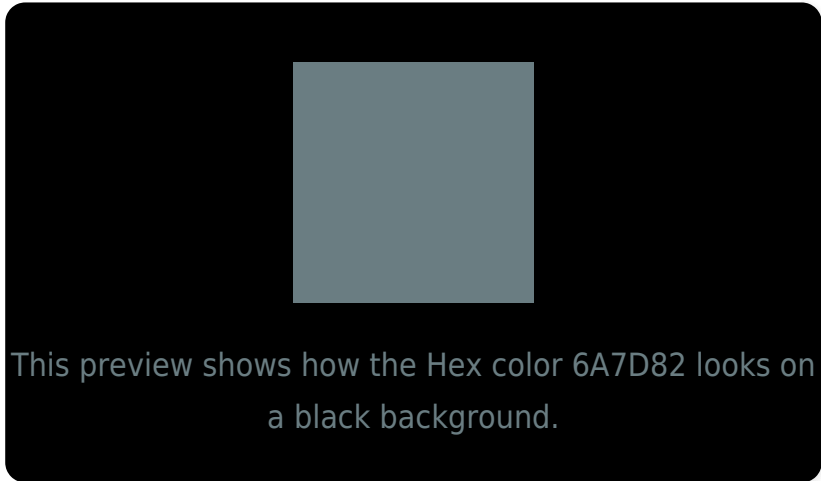
Large Text (above 18pt) WCAG AA ✓ Pass

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

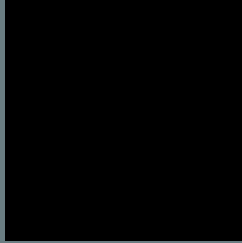
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

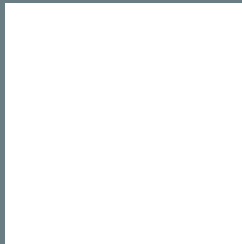
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6A7D82 Background



This preview shows how black text looks on a background with the Hex color 6A7D82.



This preview shows how white text looks on a background with the Hex color 6A7D82.

# 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](#).

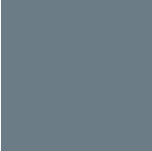
## Dichromacy



**Original Color**  
6A7D82

**Protanopia**  
7A797F

**Deuteranopia**  
817683



**Tritanopia**  
6B7C86

# Trichromacy



**Original Color**  
6A7D82

**Protanomaly**  
747A80

**Deuteranomaly**  
797983

**Tritanomaly**  
6B7C85

# Monochromacy



**Original Color**  
6A7D82

**Achromatopsia**  
787878

**Achromatomaly**  
737A7C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A7D82 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 #6A7D82 looks like.

```
.text, #text, p{  
    color:#6A7D82  
}
```

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 #6A7D82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A7D82
}
```

## Border

The CSS property to change the border of an element to Hex 6A7D82 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
#6A7D82 }
```

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

```
.border{ border-color:#6A7D82 }
```

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

Here you see how a box with a 4 pixel #6A7D82 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A7D82; -webkit-box-shadow:4px 4px  
4px 4px #6A7D82; box-shadow:4px 4px 4px  
4px #6A7D82 }
```

# Background

The CSS property to change the background color of an element to Hex 6A7D82 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A7D82 }
```

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

```
.background{ background-color:#6A7D82 }
```

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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