

# Converting Colors

Hex(6D7D81)

Have a look what the booklet for  
Hex(6D7D81) contains.

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# Color

**Hex(6D7D81)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6D7D81
RGB	109, 125, 129
RGB Percent	43%, 49%, 51%
CMY	0.5725, 0.5098, 0.4941
CMYK	0.16, 0.03, 0.00, 0.49
HSL	192°, 8%, 47%
HSV	192°, 16%, 51%
XYZ	17.6027, 19.5034, 23.6057
YIQ	120.6720, -10.8200, -2.1480

# Conversions

## Conversions Part 2

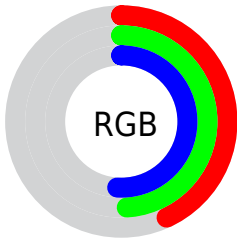
Format	Color
R <sub>YB</sub>	109, 118, 129
Decimal	7175553
CIE Lab	51.27, -4.96, -4.16
CIE LCh	51, 6.474, 220.021
Yxy	19.5034, 0.2899, 0.3212
Android (android.graphics.Color)	4285365633 (0xFF6D7D81)
YUV	120.6720, 4.1057, -10.2363
Hunter-Lab	44.1627, -6.1366, -0.7776

# Details

The Hex color **6D7D81** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **81716D**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **A1B2B6**, and **3D4C50** is the 20% darker color. If you saturate the color by 10%, you get **607A81**, and if you desaturate by 10%, it is **7A8081**.

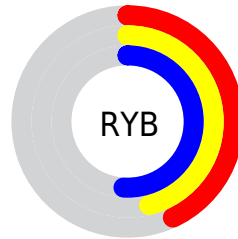
# Distribution



Red (43%)

Green (49%)

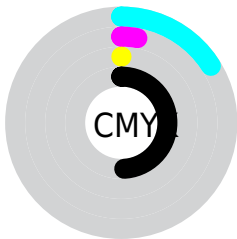
Blue (51%)



Red (43%)

Yellow (46%)

Blue (51%)

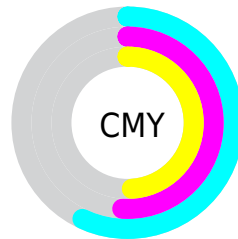


Cyan (16%)

Magenta (3%)

Yellow (0%)

Black (49%)



Cyan (57%)

Magenta (51%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6D7D81 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 6D7D81 by changing the saturation by 10% instead.



6D7D81

6D7D81

FFFFFF

556468

A1B2B6

3D4C50

BCCDD1

273539

D8E9EE

122024

F4FFFF

00090E

000000

6D7D81

6D7D81

607A81

7A8081

537881

878281

467581

948581

397381

A18781

2D7081

AD8A81

206E81

BA8C81

136B81

C78F81

066881

D49281

006781

E19481

# Harmonies

## Analogous

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



6D7E7C



6D7D81



717C84

# Triad

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



6D7D81



83777E



7D7A6F

# Complementary

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



6D7D81



81716D

# 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.



827970



6D7D81



867678

# Square

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



6D7D81



7E7883



867773



767C72

# Rectangle

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



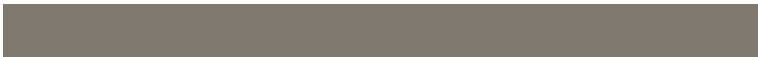
6D7D81



757B85



867773



7F7A6F



# Sweetspot

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



6D7D81



A0A7A8



6D8171



4F5354



D4D4D4



545454



# Same Dimension

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



6D7D81



88A2A8



6D7381



393E40



006680



000000



# Inverse Universe

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



816D7D



A888A2



817B6D



40393E



800066



000000



# Previews

## White Background



This preview shows how the Hex color 6D7D81 looks on a white background.

## Color Contrast Check

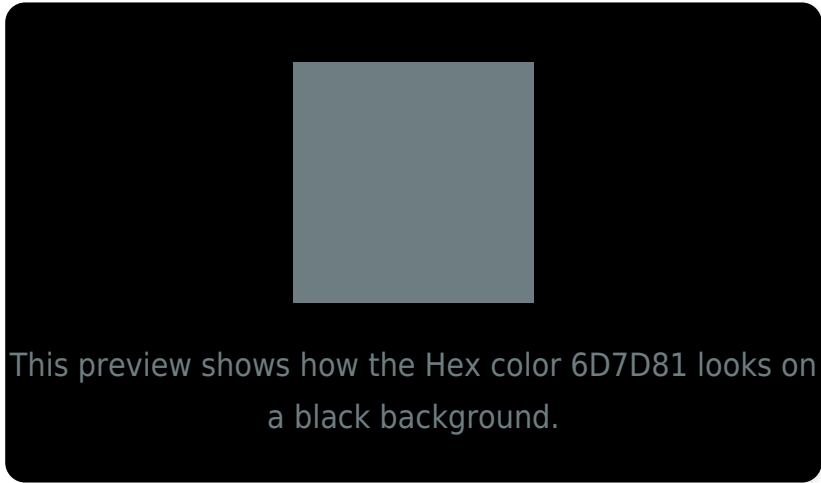
Large Text (above 18pt) WCAG AA ✓ Pass

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

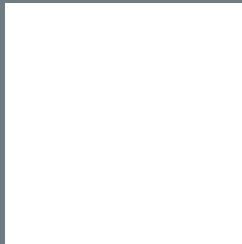
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6D7D81 Background



This preview shows how black text looks on a background with the Hex color 6D7D81.



This preview shows how white text looks on a background with the Hex color 6D7D81.

# 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](#).

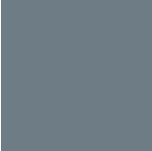
## Dichromacy



**Original Color**  
6D7D81

**Protanopia**  
7B797F

**Deuteranopia**  
827682



**Tritanopia**  
6E7C86

# Trichromacy



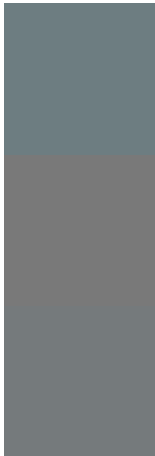
**Original Color**  
6D7D81

**Protanomaly**  
767A80

**Deuteranomaly**  
7A7982

**Tritanomaly**  
6E7C84

# Monochromacy



**Original Color**  
6D7D81

**Achromatopsia**  
797979

**Achromatomaly**  
757A7C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6D7D81 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 #6D7D81 looks like.

```
.text, #text, p{  
    color:#6D7D81  
}
```

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 #6D7D81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D7D81  
}
```

## Border

The CSS property to change the border of an element to Hex 6D7D81 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  
#6D7D81 }
```

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

```
.border{ border-color:#6D7D81 }
```

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

Here you see how a box with a 4 pixel #6D7D81 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D7D81; -webkit-box-shadow:4px 4px  
4px 4px #6D7D81; box-shadow:4px 4px 4px  
4px #6D7D81 }
```

# Background

The CSS property to change the background color of an element to Hex 6D7D81 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D7D81 }
```

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

```
.background{ background-color:#6D7D81 }
```

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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