

# Converting Colors

Hex(6D7970)

Have a look what the booklet for  
Hex(6D7970) contains.

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# Color

**Hex(6D7970)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6D7970
RGB	109, 121, 112
RGB Percent	43%, 47%, 44%
CMY	0.5725, 0.5255, 0.5608
CMYK	0.10, 0.00, 0.07, 0.53
HSL	135°, 5%, 45%
HSV	135°, 10%, 47%
XYZ	16.0687, 18.0958, 17.9752
YIQ	116.3860, -4.2630, -5.3430

# Conversions

## Conversions Part 2

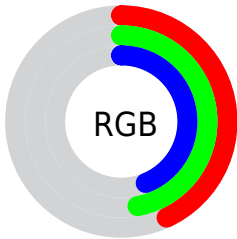
Format	Color
<b>RYB</b>	109, 119, 121
Decimal	7174512
CIELab	49.61, -6.34, 3.41
CIElCh	50, 7.198, 151.731
Yxy	18.0958, 0.3082, 0.3471
Android (android.graphics.Color)	4285364592 (0xFF6D7970)
YUV	116.3860, -2.1623, -6.4775
Hunter-Lab	42.5392, -7.0172, 4.7241

# Details

The Hex color **6D7970** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **796D76**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **A1ADA4**, and **3D4840** is the 20% darker color. If you saturate the color by 10%, you get **617967**, and if you desaturate by 10%, it is **797979**.

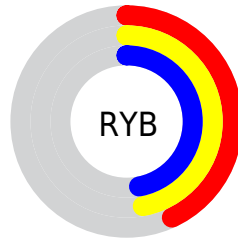
# Distribution



Red (43%)

Green (47%)

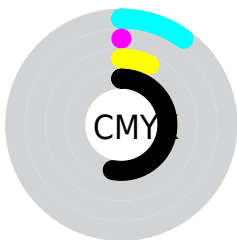
Blue (44%)



Red (43%)

Yellow (47%)

Blue (47%)

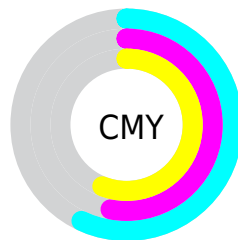


Cyan (10%)

Magenta (0%)

Yellow (7%)

Black (53%)



Cyan (57%)

Magenta (53%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6D7970 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 6D7970 by changing the saturation by 10% instead.



6D7970

6D7970

FFFFFF

556058

A1ADA4

3D4840

BCC9BF

28322A

D7E5DB

131D16

F4FFF7

000000

6D7970

6D7970

617967

797979

55795E

857982

497955

91798B

■ 3D794C

■ 9D7994

■ 307943

■ A9799D

■ 24793A

■ B679A6

■ 187930

■ C279B0

■ 0C7927

■ CE79B9

■ 00791E

■ DA79C2

# Harmonies

## Analogous

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



74786C



6D7970



687A76

# Triad

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



6D7970



707682



837270

# Complementary

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



6D7970



796D76

# 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.



837276



6D7970



787480

# Square

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



6D7970



6A7880



7E737C



80746B

# Rectangle

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



6D7970



677A7A



7E737C



837272



# Sweetspot

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



6D7970



999E9B



76796D



4C4F4D



CFCFCF



4F4F4F



# Same Dimension

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



6D7970



8B9E90



6D7976



373D39



007D1F



00FC3F



# Inverse Universe

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



796D76



9E8B99



796D70



3D373C



7D005E



FC00BD



# Previews

## White Background



This preview shows how the Hex color 6D7970 looks on a white background.

## Color Contrast Check

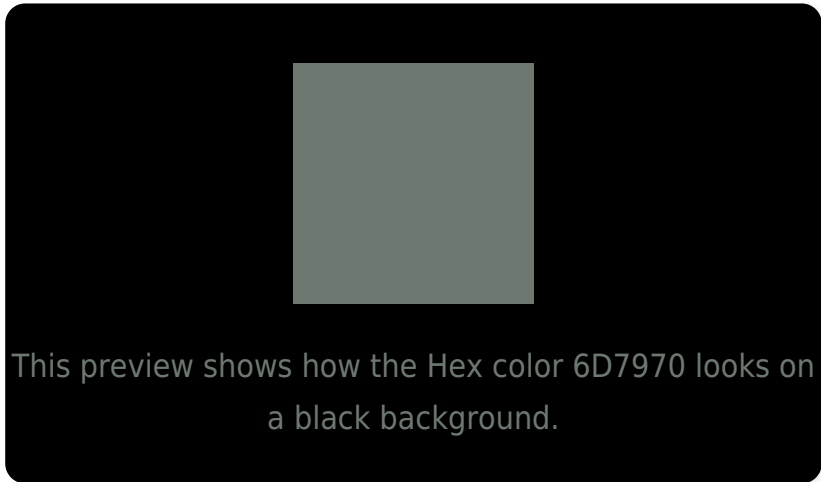
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

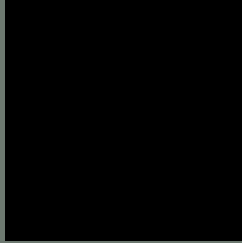
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

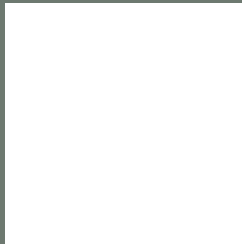
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6D7970 Background



This preview shows how black text looks on a background with the Hex color 6D7970.



This preview shows how white text looks on a background with the Hex color 6D7970.

# 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**  
6D7970

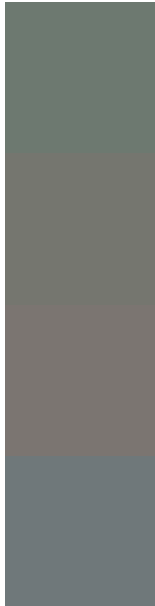
**Protanopia**  
7A756E

**Deuteranopia**  
837271



**Tritanopia**  
707780

# Trichromacy



**Original Color**  
6D7970

**Protanomaly**  
75766F

**Deuteranomaly**  
7B7571

**Tritanomaly**  
6F787A

# Monochromacy



**Original Color**  
6D7970

**Achromatopsia**  
747474

**Achromatomaly**  
717673

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6D7970 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 #6D7970 looks like.

```
.text, #text, p{  
    color:#6D7970  
}
```

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 #6D7970 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D7970
}
```

## Border

The CSS property to change the border of an element to Hex 6D7970 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
#6D7970 }
```

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

```
.border{ border-color:#6D7970 }
```

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

Here you see how a box with a 4 pixel #6D7970 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D7970; -webkit-box-shadow:4px 4px  
4px 4px #6D7970; box-shadow:4px 4px 4px  
4px #6D7970 }
```

# Background

The CSS property to change the background color of an element to Hex 6D7970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D7970 }
```

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

```
.background{ background-color:#6D7970 }
```

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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