

Converting Colors

Hex(6D7A70)

Have a look what the booklet for
Hex(6D7A70) contains.

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Color

Hex(6D7A70)

Conversions

Conversions Part 1

Format	Color
Hex	6D7A70
RGB	109, 122, 112
RGB Percent	43%, 48%, 44%
CMY	0.5725, 0.5216, 0.5608
CMYK	0.11, 0.00, 0.08, 0.52
HSL	134°, 6%, 45%
HSV	134°, 11%, 48%
XYZ	16.1908, 18.3401, 18.0159
YIQ	116.9730, -4.5380, -5.8660

Conversions

Conversions Part 2

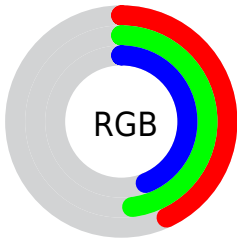
Format	Color
RYB	109, 120, 122
Decimal	7174768
CIELab	49.91, -6.91, 3.83
CIELCh	50, 7.900, 150.974
Yxy	18.3401, 0.3081, 0.3490
Android (android.graphics.Color)	4285364848 (0xFF6D7A70)
YUV	116.9730, -2.4517, -6.9923
Hunter-Lab	42.8254, -7.4595, 5.0355

Details

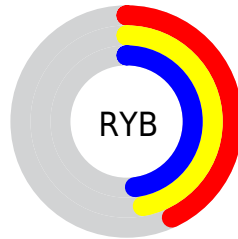
The Hex color **6D7A70** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7A6D77**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **A1AEA4**, and **3D4940** is the 20% darker color. If you saturate the color by 10%, you get **617A67**, and if you desaturate by 10%, it is **797A79**.

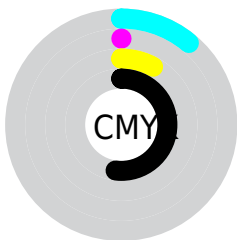
Distribution



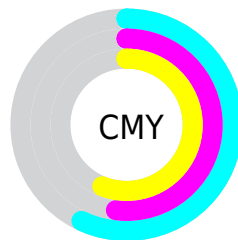
- Red (43%)
- Green (48%)
- Blue (44%)



- Red (43%)
- Yellow (47%)
- Blue (48%)



- Cyan (11%)
- Magenta (0%)
- Yellow (8%)
- Black (52%)



- Cyan (57%)
- Magenta (52%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D7A70 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 6D7A70 by changing the saturation by 10% instead.

 6D7A70

 6D7A70

FFFFFF

 556158

 A1AEA4

 3D4940

 BCCABF

 28332A

 D7E6DB


 131E16

 F4FFF7

 000000

 6D7A70

 6D7A70

 617A67

 797A79

 557A5D

 857A83

 487A54

 927A8C

■ 3C7A4A

■ 9E7A96

■ 307A41

■ AA7A9F

■ 247A38

■ B67AA8

■ 187A2E

■ C27AB2

■ 0B7A25

■ CF7ABB

■ 007A1C

■ DB7AC4

Harmonies

Analogous

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



74786B



6D7A70



687B77

Triad

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



6D7A70



707784



857370

Complementary

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



6D7A70



7A6D77

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.



847277



6D7A70



787582

Square

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



6D7A70



697982



80737D



82746B

Rectangle

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



6D7A70



667B7B



80737D



857272

Sweetspot

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



6D7A70



999E9A



777A6D



4C4F4D



CFCFCF



4F4F4F

Same Dimension

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



6D7A70



8A9E8E



6D7A76



373D38



007D1D



00FC3A

Inverse Universe

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



7A6D77



9E8A99



7A6D71



3D373C



7D0060



FC00C2

Previews

White Background



This preview shows how the Hex color 6D7A70 looks on a white background.

Color Contrast Check

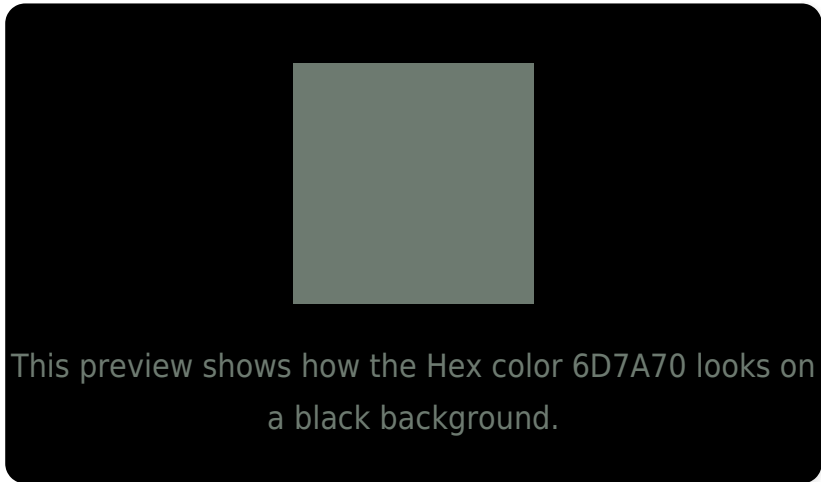
Large Text (above 18pt) WCAG AA ✓ Pass

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

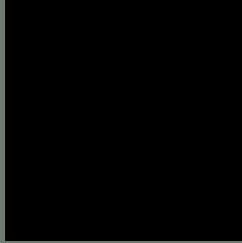
Any Text WCAG AA ✓ Pass

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 6D7A70 Background



This preview shows how black text looks on a background with the Hex color 6D7A70.



This preview shows how white text looks on a background with the Hex color 6D7A70.

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
6D7A70

Protanopia
7B766E

Deuteranopia
847372



Tritanopia
707781

Trichromacy



Original Color
6D7A70

Protanomaly
76776F

Deuteranomaly
7C7671

Tritanomaly
6F787B

Monochromacy



Original Color
6D7A70

Achromatopsia
757575

Achromatomaly
727773

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D7A70 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 #6D7A70 looks like.

```
.text, #text, p{  
    color:#6D7A70  
}
```

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 #6D7A70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D7A70
}
```

Border

The CSS property to change the border of an element to Hex 6D7A70 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
#6D7A70 }
```

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

```
.border{ border-color:#6D7A70 }
```

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

Here you see how a box with a 4 pixel #6D7A70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D7A70; -webkit-box-shadow:4px 4px  
4px 4px #6D7A70; box-shadow:4px 4px 4px  
4px #6D7A70 }
```

Background

The CSS property to change the background color of an element to Hex 6D7A70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D7A70 }
```

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

```
.background{ background-color:#6D7A70 }
```

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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