

Converting Colors

Hex(6A7A74)

Have a look what the booklet for
Hex(6A7A74) contains.

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Color

Hex(6A7A74)

Conversions

Conversions Part 1

Format	Color
Hex	6A7A74
RGB	106, 122, 116
RGB Percent	42%, 48%, 45%
CMY	0.5843, 0.5216, 0.5451
CMYK	0.13, 0.00, 0.05, 0.52
HSL	157°, 7%, 45%
HSV	157°, 13%, 48%
XYZ	16.0558, 18.2442, 19.1982
YIQ	116.5320, -7.6100, -5.2580

Conversions

Conversions Part 2

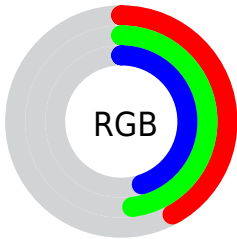
Format	Color
R_{YB}	106, 116, 122
Decimal	6978164
CIE _{Lab}	49.79, -7.18, 1.28
CIE _{LCh}	50, 7.298, 169.873
Yxy	18.2442, 0.3001, 0.3410
Android (android.graphics.Color)	4285168244 (0xFF6A7A74)
YUV	116.5320, -0.2623, -9.2366
Hunter-Lab	42.7132, -7.6505, 3.2503

Details

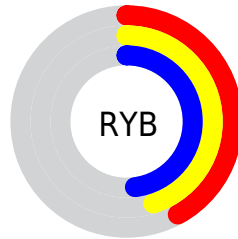
The Hex color **6A7A74** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7A6A70**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **9DAEA8**, and **3B4944** is the 20% darker color. If you saturate the color by 10%, you get **5E7A6F**, and if you desaturate by 10%, it is **767A79**.

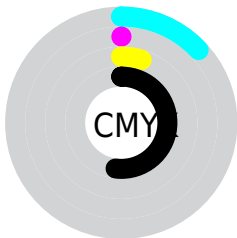
Distribution



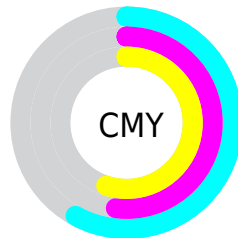
- Red (42%)
- Green (48%)
- Blue (45%)



- Red (42%)
- Yellow (45%)
- Blue (48%)



- Cyan (13%)
- Magenta (0%)
- Yellow (5%)
- Black (52%)



- Cyan (58%)
- Magenta (52%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A7A74 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 6A7A74 by changing the saturation by 10% instead.



6A7A74



6A7A74

FFFFFF



52615B



9DAEA8



3B4944



B8CAC3



25332E



D4E6DF



101E19



F0FFFC



000000



6A7A74



6A7A74



5E7A6F



767A79



527A6B



827A7D



457A66



8F7A82

■ 397A62

■ 9B7A86

■ 2D7A5D

■ A77A8B

■ 217A59

■ B37A8F

■ 157A54

■ BF7A94

■ 087A4F

■ CC7A99

■ 007A4C

■ D87A9D

Harmonies

Analogous

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



70796E



6A7A74



677A7A

Triad

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



6A7A74



757682



82736D

Complementary

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



6A7A74



7A6A70

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.



847272



6A7A74



7D747E

Square

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



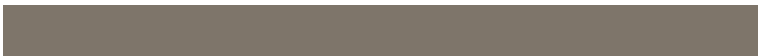
6A7A74



6E7882



827279



7E756A

Rectangle

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



6A7A74



687A7E



827279



83736F

Sweetspot

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



6A7A74



989E9C



707A6A



4B4F4E



CFCFCF



4F4F4F

Same Dimension

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



6A7A74



859E95



6A787A



373D3B



007D4E



00FC9E

Inverse Universe

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



7A6A70



9E858E



7A6C6A



3D3739



7D002F



FC005F

Previews

White Background



This preview shows how the Hex color 6A7A74 looks on a white background.

Color Contrast Check

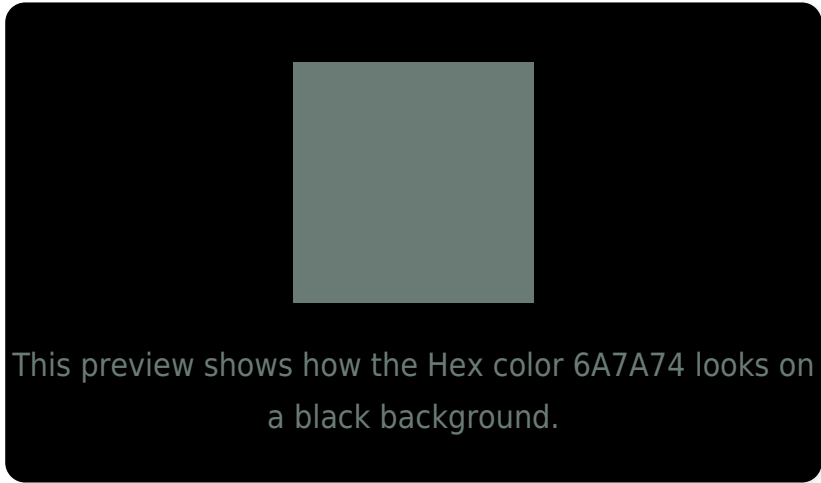
Large Text (above 18pt) WCAG AA ✓ Pass

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

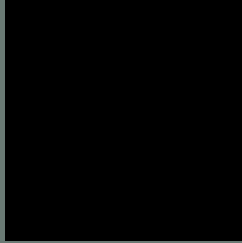
Any Text WCAG AA ✓ Pass

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 6A7A74 Background



This preview shows how black text looks on a background with the Hex color 6A7A74.



This preview shows how white text looks on a background with the Hex color 6A7A74.

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
6A7A74

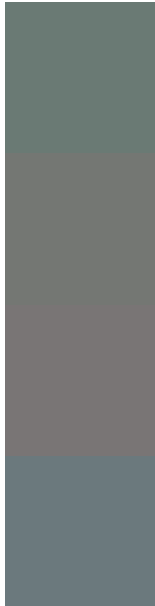
Protanopia
797672

Deuteranopia
827276



Tritanopia
6C7882

Trichromacy



Original Color

6A7A74

Protanomaly

747773

Deuteranomaly

797575

Tritanomaly

6B797D

Monochromacy



Original Color

6A7A74

Achromatopsia

757575

Achromatomaly

717775

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A7A74 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 #6A7A74 looks like.

```
.text, #text, p{  
    color:#6A7A74  
}
```

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 #6A7A74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A7A74
}
```

Border

The CSS property to change the border of an element to Hex 6A7A74 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
#6A7A74 }
```

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

```
.border{ border-color:#6A7A74 }
```

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

Here you see how a box with a 4 pixel #6A7A74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A7A74; -webkit-box-shadow:4px 4px  
4px 4px #6A7A74; box-shadow:4px 4px 4px  
4px #6A7A74 }
```

Background

The CSS property to change the background color of an element to Hex 6A7A74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A7A74 }
```

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

```
.background{ background-color:#6A7A74 }
```

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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