

Converting Colors

Hex(6A7774)

Have a look what the booklet for
Hex(6A7774) contains.

| | |
|--|----|
| Hex(6A7774) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(6A7774)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 6A7774 |
| RGB | 106, 119, 116 |
| RGB Percent | 42%, 47%, 45% |
| CMY | 0.5843, 0.5333, 0.5451 |
| CMYK | 0.11, 0.00, 0.03, 0.53 |
| HSL | 166°, 6%, 44% |
| HSV | 166°, 11%, 47% |
| XYZ | 15.6931, 17.5188, 19.0773 |
| YIQ | 114.7710, -6.7850, -3.6890 |

Conversions

Conversions Part 2

| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 106, 113, 119 |
| Decimal | 6977396 |
| CIE _{Lab} | 48.91, -5.47, -0.00 |
| CIE _{LCh} | 49, 5.472, 180.049 |
| Yxy | 17.5188, 0.3001, 0.3350 |
| Android (android.graphics.Color) | 4285167476 (0xFF6A7774) |
| YUV | 114.7710, 0.6059, -7.6922 |
| Hunter-Lab | 41.8554, -6.3211, 2.2749 |

Details

The Hex color **6A7774** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **776A6D**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **9DABA8**, and **3B4744** is the 20% darker color. If you saturate the color by 10%, you get **5E7771**, and if you desaturate by 10%, it is **767777**.

Distribution



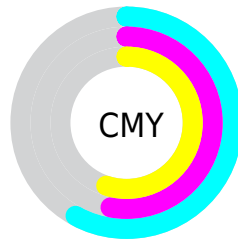
- Red (42%)
- Green (47%)
- Blue (45%)



- Red (42%)
- Yellow (44%)
- Blue (47%)



- Cyan (11%)
- Magenta (0%)
- Yellow (3%)
- Black (53%)



- Cyan (58%)
- Magenta (53%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A7774 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 6A7774 by changing the saturation by 10% instead.



6A7774



6A7774

FFFFFF



525E5B



9DABA8



3B4744



B8C6C3



25302E



D4E2DF



111B19



F0FFFC



000000



6A7774



6A7774



5E7771



767777



52776F



827779



46776C



8E777C

■ 3A7769

■ 9A777F

■ 2F7766

■ A57782

■ 237764

■ B17784

■ 177761

■ BD7787

■ 0B775E

■ C9778A

■ 00775C

■ D5778D

Harmonies

Analogous

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



6E766F



6A7774



697779

Triad

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



6A7774



75737C



7C726C

Complementary

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



6A7774



776A6D

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.



7E7170



6A7774



7A7279

Square

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



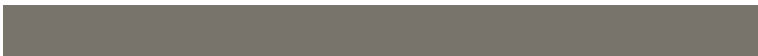
6A7774



70757D



7E7174



78746B

Rectangle

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



6A7774



6A767B



7E7174



7D726D

Sweetspot

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



6A7774



979C9A



6D776A



4C4F4E



CFCFCF



4F4F4F

Same Dimension

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



6A7774



879C97



6A7477



353B39



007A5E



00FAC0

Inverse Universe

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



776A6D



9C878C



776D6A



3B3536



7A001C



FA003A

Previews

White Background



This preview shows how the Hex color 6A7774 looks on a white background.

Color Contrast Check

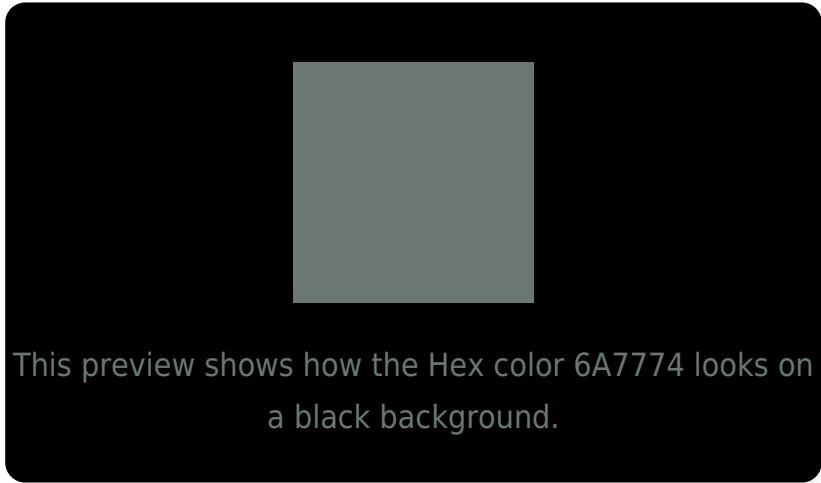
Large Text (above 18pt) WCAG AA ✓ Pass

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

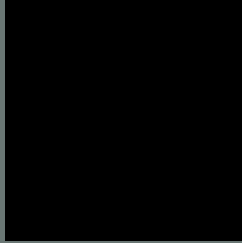
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

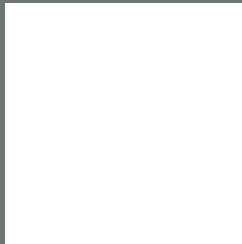
Any Text WCAG AAA × Fail

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

Hex 6A7774 Background



This preview shows how black text looks on a background with the Hex color 6A7774.



This preview shows how white text looks on a background with the Hex color 6A7774.

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
6A7774

Protanopia
767372

Deuteranopia
7F7075



Tritanopia
6C757F

Trichromacy



Original Color
6A7774

Protanomaly
727473

Deuteranomaly
777375

Tritanomaly
6B767B

Monochromacy



Original Color
6A7774

Achromatopsia
737373

Achromatomaly
707473

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A7774 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 #6A7774 looks like.

```
.text, #text, p{  
    color:#6A7774  
}
```

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 #6A7774 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A7774
}
```

Border

The CSS property to change the border of an element to Hex 6A7774 is called "border". The border property can be set on classes, ids or directly on the HTML element.

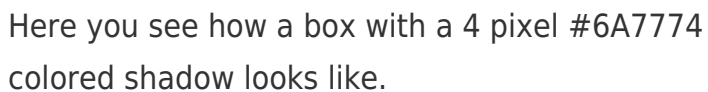
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A7774 }
```

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

```
.border{ border-color:#6A7774 }
```

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



Here you see how a box with a 4 pixel #6A7774 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A7774; -webkit-box-shadow:4px 4px  
4px 4px #6A7774; box-shadow:4px 4px 4px  
4px #6A7774 }
```

Background

The CSS property to change the background color of an element to Hex 6A7774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A7774 }
```

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

```
.background{ background-color:#6A7774 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor