

Converting Colors

Hex(6A7573)

Have a look what the booklet for
Hex(6A7573) contains.

Hex(6A7573)	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(6A7573)

Conversions

Conversions Part 1

Format	Color
Hex	6A7573
RGB	106, 117, 115
RGB Percent	42%, 46%, 45%
CMY	0.5843, 0.5412, 0.5490
CMYK	0.09, 0.00, 0.02, 0.54
HSL	169°, 5%, 44%
HSV	169°, 9%, 46%
XYZ	15.3997, 17.0246, 18.6941
YIQ	113.4830, -5.9140, -2.9540

Conversions

Conversions Part 2

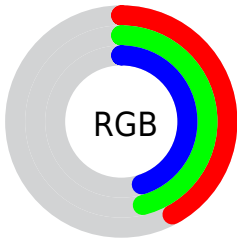
Format	Color
RYB	106, 112, 117
Decimal	6976883
CIELab	48.29, -4.54, -0.31
CIElCh	48, 4.547, 183.941
Yxy	17.0246, 0.3013, 0.3330
Android (android.graphics.Color)	4285166963 (0xFF6A7573)
YUV	113.4830, 0.7479, -6.5626
Hunter-Lab	41.2608, -5.5854, 2.0200

Details

The Hex color **6A7573** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **756A6C**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **9DA9A7**, and **3B4543** is the 20% darker color. If you saturate the color by 10%, you get **5E7571**, and if you desaturate by 10%, it is **767575**.

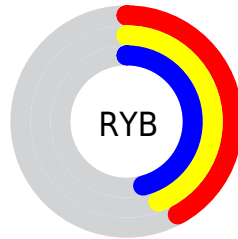
Distribution



Red (42%)

Green (46%)

Blue (45%)



Red (42%)

Yellow (44%)

Blue (46%)

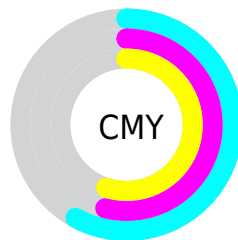


Cyan (9%)

Magenta (0%)

Yellow (2%)

Black (54%)



Cyan (58%)

Magenta (54%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A7573 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 6A7573 by changing the saturation by 10% instead.

■ 6A7573

■ 6A7573

FFFFFF

■ 525C5A

■ 9DA9A7

■ 3B4543

■ B8C4C2

■ 252F2D

■ D4E0DE

■ 111A18

■ F0FDFA

■ 000000

■ 6A7573

■ 6A7573

■ 5E7571

■ 767575

■ 53756F

■ 817577

■ 47756D

■ 8D7579

■ 3B756A

■ 99757C

■ 307568

■ A5757E

■ 247566

■ B07580

■ 187564

■ BC7582

■ 0C7562

■ C87584

■ 017560

■ D37586

Harmonies

Analogous

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



6D756F



6A7573



697577

Triad

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



6A7573



747279



79716C

Complementary

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



6A7573



756A6C

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.



7B706E



6A7573



787176

Square

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



6A7573



6F737A



7B7072



75736B

Rectangle

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



6A7573



6B7479



7B7072



7A716D

Sweetspot

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



6A7573



949998



6C756A



494D4C



CCCCCC



4D4D4D

Same Dimension

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



6A7573



889996



6A7275



353B3A



007A64



00FACC

Inverse Universe

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



756A6C



99888B



756D6A



3B3536



7A0016



FA002D

Previews

White Background



This preview shows how the Hex color 6A7573 looks on a white background.

Color Contrast Check

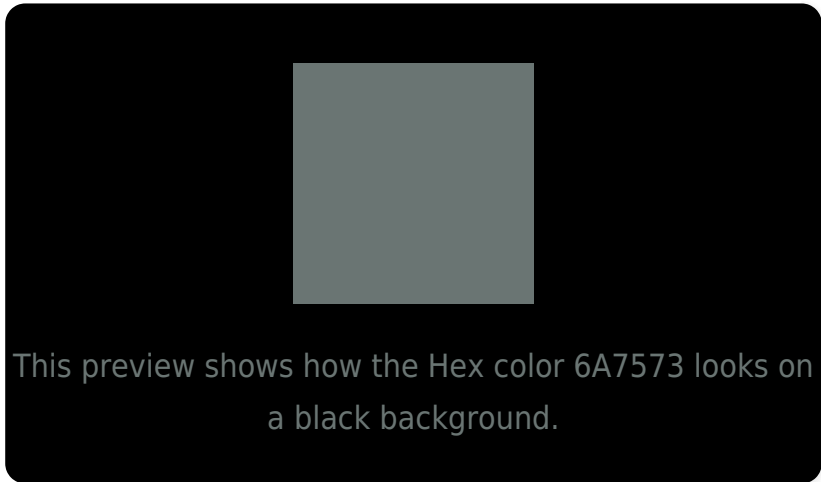
Large Text (above 18pt) WCAG AA ✓ Pass

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

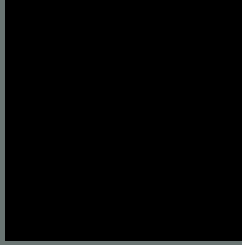
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

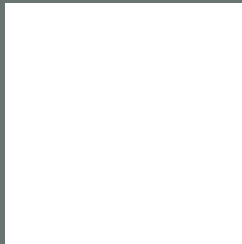
Any Text WCAG AAA × Fail

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

Hex 6A7573 Background



This preview shows how black text looks on a background with the Hex color 6A7573.



This preview shows how white text looks on a background with the Hex color 6A7573.

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
6A7573

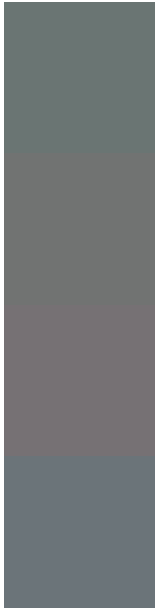
Protanopia
757271

Deuteranopia
7D6F74



Tritanopia
6C747D

Trichromacy



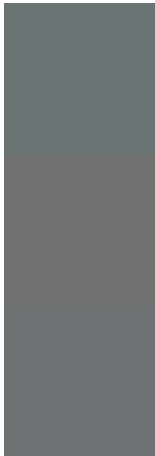
Original Color
6A7573

Protanomaly
717372

Deuteranomaly
767174

Tritanomaly
6B7479

Monochromacy



Original Color
6A7573

Achromatopsia
717171

Achromatomaly
6E7272

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A7573 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 #6A7573 looks like.

```
.text, #text, p{  
    color:#6A7573  
}
```

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 #6A7573 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A7573
}
```

Border

The CSS property to change the border of an element to Hex 6A7573 is called "border". The border property can be set on classes, ids or directly on the HTML element.

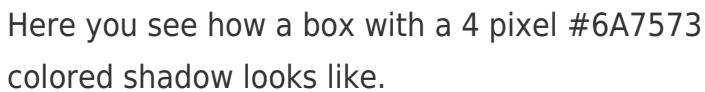
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A7573 }
```

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

```
.border{ border-color:#6A7573 }
```

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



Here you see how a box with a 4 pixel #6A7573 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A7573; -webkit-box-shadow:4px 4px  
4px 4px #6A7573; box-shadow:4px 4px 4px  
4px #6A7573 }
```

Background

The CSS property to change the background color of an element to Hex 6A7573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A7573 }
```

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

```
.background{ background-color:#6A7573 }
```

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