

Converting Colors

Hex(6A7568)

Have a look what the booklet for
Hex(6A7568) contains.

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Color

Hex(6A7568)

Conversions

Conversions Part 1

Format	Color
Hex	6A7568
RGB	106, 117, 104
RGB Percent	42%, 46%, 41%
CMY	0.5843, 0.5412, 0.5922
CMYK	0.09, 0.00, 0.11, 0.54
HSL	111°, 6%, 43%
HSV	111°, 11%, 46%
XYZ	14.8038, 16.7862, 15.5565
YIQ	112.2290, -2.3830, -6.3750

Conversions

Conversions Part 2

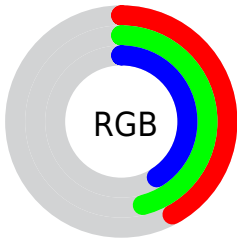
Format	Color
R_{YB}	104, 117, 115
Decimal	6976872
CIE Lab	47.99, -6.80, 5.77
CIE LCh	48, 8.918, 139.673
Yxy	16.7862, 0.3140, 0.3560
Android (android.graphics.Color)	4285166952 (0xFF6A7568)
YUV	112.2290, -4.0569, -5.4628
Hunter-Lab	40.9710, -7.2028, 6.1675

Details

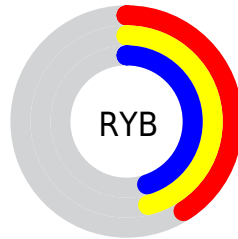
The Hex color **6A7568** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **736875**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **9DA99B**, and **3B4539** is the 20% darker color. If you saturate the color by 10%, you get **60755C**, and if you desaturate by 10%, it is **747574**.

Distribution



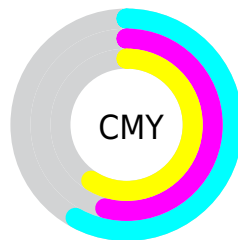
- Red (42%)
- Green (46%)
- Blue (41%)



- Red (41%)
- Yellow (46%)
- Blue (45%)



- Cyan (9%)
- Magenta (0%)
- Yellow (11%)
- Black (54%)



- Cyan (58%)
- Magenta (54%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A7568 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 6A7568 by changing the saturation by 10% instead.

■ 6A7568

■ 6A7568

FFFFFF

■ 525C50

■ 9DA99B

■ 3B4539

■ B8C4B6

■ 252F24

■ D4E0D2

■ 111A0E

■ F0FDEE

■ 000000

■ 6A7568

■ 6A7568

■ 60755C

■ 747574

■ 567551

■ 7E757F

■ 4C7545

■ 88758B

■ 427539

■ 927597

■ 39752E

■ 9B75A3

■ 2F7522

■ A575AE

■ 257516

■ AF75BA

■ 1B750A

■ B975C6

■ 127500

■ C375D1

Harmonies

Analogous

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



737364



6A7568



63766F

Triad

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



6A7568



677380



826D6D

Complementary

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



6A7568



736875

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.



806D75



6A7568



707180

Square

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



6A7568



60757D



796E7C



806E67

Rectangle

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



6A7568



607674



796E7C



826D70

Sweetspot

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



6A7568



959994



757368



4A4D49



CCCCCC



4D4D4D

Same Dimension

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



6A7568



889985



68756C



363B35



137A00



26FA00

Inverse Universe

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



736875



968599



756871



3A353B



68007A



D300FA

Previews

White Background



This preview shows how the Hex color 6A7568 looks on a white background.

Color Contrast Check

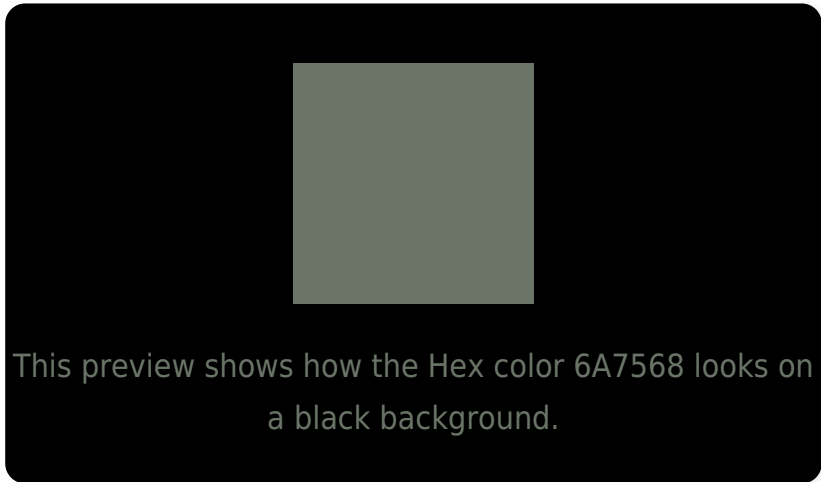
Large Text (above 18pt) WCAG AA ✓ Pass

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

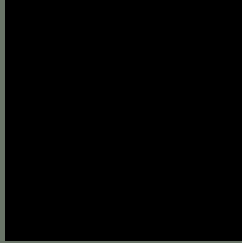
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

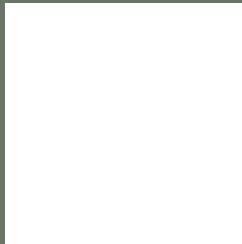
Any Text WCAG AAA × Fail

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

Hex 6A7568 Background



This preview shows how black text looks on a background with the Hex color 6A7568.

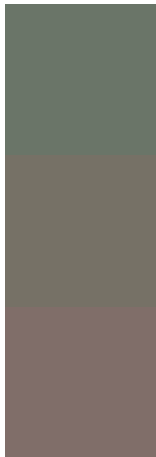


This preview shows how white text looks on a background with the Hex color 6A7568.

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
6A7568

Protanopia
767166

Deuteranopia
806E69



Tritanopia
6D727B

Trichromacy



Original Color
6A7568

Protanomaly
727267

Deuteranomaly
787169

Tritanomaly
6C7374

Monochromacy



Original Color
6A7568

Achromatopsia
707070

Achromatomaly
6E726D

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A7568 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 #6A7568 looks like.

```
.text, #text, p{  
    color:#6A7568  
}
```

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 #6A7568 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A7568
}
```

Border

The CSS property to change the border of an element to Hex 6A7568 is called "border". The border property can be set on classes, ids or directly on the HTML element.

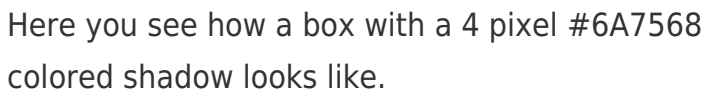
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A7568 }
```

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

```
.border{ border-color:#6A7568 }
```

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



Here you see how a box with a 4 pixel #6A7568 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A7568; -webkit-box-shadow:4px 4px  
4px 4px #6A7568; box-shadow:4px 4px 4px  
4px #6A7568 }
```

Background

The CSS property to change the background color of an element to Hex 6A7568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A7568 }
```

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

```
.background{ background-color:#6A7568 }
```

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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