

Converting Colors

Hex(6A7871)

Have a look what the booklet for
Hex(6A7871) contains.

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Color

Hex(6A7871)

Conversions

Conversions Part 1

Format	Color
Hex	6A7871
RGB	106, 120, 113
RGB Percent	42%, 47%, 44%
CMY	0.5843, 0.5294, 0.5569
CMYK	0.12, 0.00, 0.06, 0.53
HSL	150°, 6%, 44%
HSV	150°, 12%, 47%
XYZ	15.6410, 17.6894, 18.2128
YIQ	115.0160, -6.0970, -5.1450

Conversions

Conversions Part 2

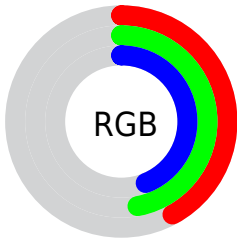
Format	Color
R_{YB}	106, 115, 120
Decimal	6977649
CIE Lab	49.12, -6.68, 2.07
CIE LCh	49, 6.995, 162.752
Yxy	17.6894, 0.3035, 0.3432
Android (android.graphics.Color)	4285167729 (0xFF6A7871)
YUV	115.0160, -0.9939, -7.9070
Hunter-Lab	42.0587, -7.2215, 3.7666

Details

The Hex color **6A7871** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **786A71**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **9DACA5**, and **3B4841** is the 20% darker color. If you saturate the color by 10%, you get **5E786B**, and if you desaturate by 10%, it is **767877**.

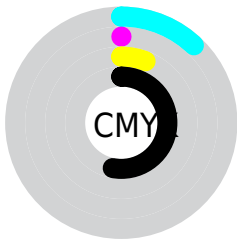
Distribution



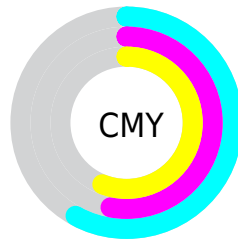
- Red (42%)
- Green (47%)
- Blue (44%)



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



- Cyan (12%)
- Magenta (0%)
- Yellow (6%)
- Black (53%)



- Cyan (58%)
- Magenta (53%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A7871 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 6A7871 by changing the saturation by 10% instead.



6A7871



6A7871

FFFFFF



525F59



9DACA5



3B4841



B8C8C0



25312B



D4E4DC



111C17



F0FFF8



000000



6A7871



6A7871



5E786B



767877



527865



82787D



46785F



8E7883

■ 3A7859

■ 9A7889

■ 2E7853

■ A6788F

■ 22784D

■ B27895

■ 167847

■ BE789B

■ 0A7841

■ CA78A1

■ 00783C

■ D678A7

Harmonies

Analogous

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



70776C



6A7871



667877

Triad

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



6A7871



727480



81726D

Complementary

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



6A7871



786A71

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.



827172



6A7871



79727D

Square

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



6A7871



6B7680



7F7178



7D736A

Rectangle

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



6A7871



66787B



7F7178



81716F

Sweetspot

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



6A7871



959C98



71786A



4B4F4D



CFCFCF



4F4F4F

Same Dimension

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



6A7871



869C91



6A7878



373D3A



007D3E



00FC7E

Inverse Universe

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



786A71



9C8691



786A6A



3D373A



7D003E



FC007E

Previews

White Background



This preview shows how the Hex color 6A7871 looks on a white background.

Color Contrast Check

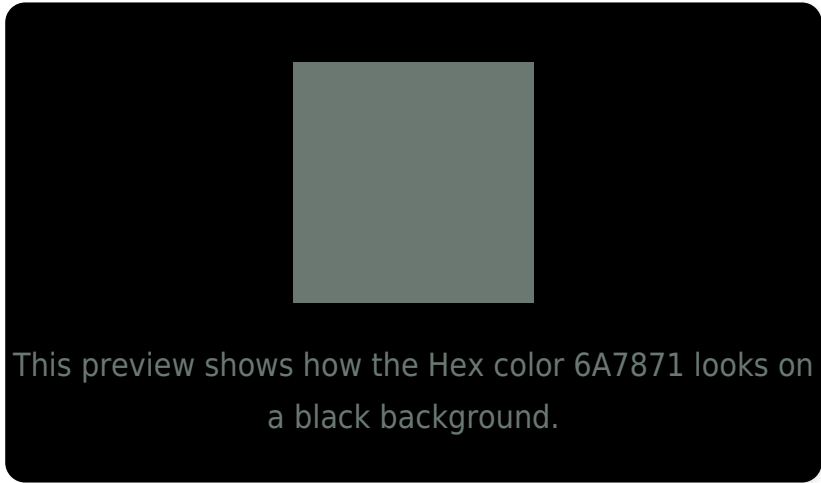
Large Text (above 18pt) WCAG AA ✓ Pass

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

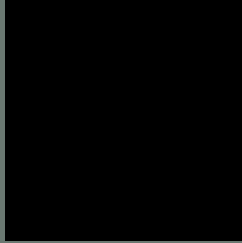
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

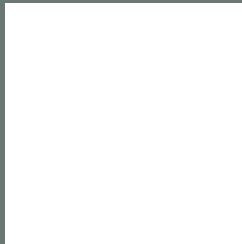
Any Text WCAG AAA × Fail

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

Hex 6A7871 Background



This preview shows how black text looks on a background with the Hex color 6A7871.

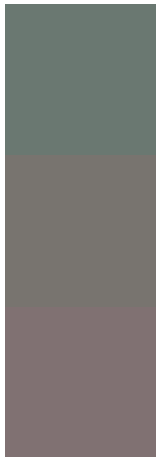


This preview shows how white text looks on a background with the Hex color 6A7871.

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](#).

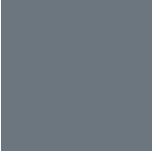
Dichromacy



Original Color
6A7871

Protanopia
78746F

Deuteranopia
807172



Tritanopia
6C767F

Trichromacy



Original Color
6A7871

Protanomaly
737570

Deuteranomaly
787472

Tritanomaly
6B777A

Monochromacy



Original Color
6A7871

Achromatopsia
737373

Achromatomaly
707572

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A7871 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 #6A7871 looks like.

```
.text, #text, p{  
    color:#6A7871  
}
```

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 #6A7871 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A7871
}
```

Border

The CSS property to change the border of an element to Hex 6A7871 is called "border". The border property can be set on classes, ids or directly on the HTML element.

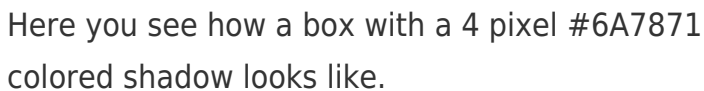
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A7871 }
```

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

```
.border{ border-color:#6A7871 }
```

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



Here you see how a box with a 4 pixel #6A7871 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A7871; -webkit-box-shadow:4px 4px  
4px 4px #6A7871; box-shadow:4px 4px 4px  
4px #6A7871 }
```

Background

The CSS property to change the background color of an element to Hex 6A7871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A7871 }
```

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

```
.background{ background-color:#6A7871 }
```

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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