

Converting Colors

Hex(6A7C62)

Have a look what the booklet for
Hex(6A7C62) contains.

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Color

Hex(6A7C62)

Conversions

Conversions Part 1

Format	Color
Hex	6A7C62
RGB	106, 124, 98
RGB Percent	42%, 49%, 38%
CMY	0.5843, 0.5137, 0.6157
CMYK	0.15, 0.00, 0.21, 0.51
HSL	102°, 12%, 44%
HSV	102°, 21%, 49%
XYZ	15.3561, 18.3613, 14.2900
YIQ	115.6540, -2.3820, -11.9020

Conversions

Conversions Part 2

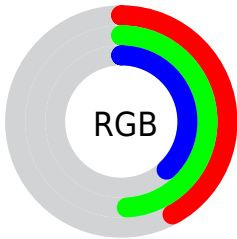
Format	Color
RYB	98, 124, 116
Decimal	6978658
CIELab	49.93, -11.86, 12.04
CIELCh	50, 16.901, 134.585
Yxy	18.3613, 0.3199, 0.3825
Android (android.graphics.Color)	4285168738 (0xFF6A7C62)
YUV	115.6540, -8.7034, -8.4666
Hunter-Lab	42.8501, -11.0190, 10.2226

Details

The Hex color **6A7C62** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **74627C**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **9EB195**, and **3A4B33** is the 20% darker color. If you saturate the color by 10%, you get **617C56**, and if you desaturate by 10%, it is **737C6E**.

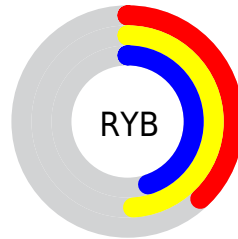
Distribution



Red (42%)

Green (49%)

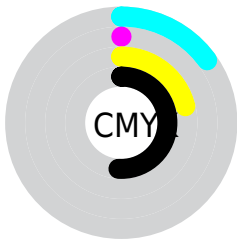
Blue (38%)



Red (38%)

Yellow (49%)

Blue (45%)

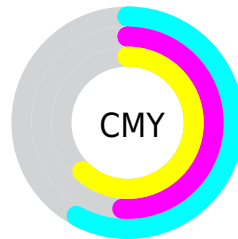


Cyan (15%)

Magenta (0%)

Yellow (21%)

Black (51%)



Cyan (58%)

Magenta (51%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A7C62 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 6A7C62 by changing the saturation by 10% instead.



6A7C62



6A7C62

FFFFFF



52634A



9EB195



3A4B33



B8CCAF



24341E



D4E8CB



111F06



F1FFE7



000000



6A7C62



6A7C62



617C56



737C6E



597C49



7B7C7B



507C3D



847C87

 487C30

 8C7C94

 3F7C24

 957CA0

 367C18

 9E7CAC

 2E7C0B

 A67CB9

 267C00

 AF7CC5

 B77CD2

Harmonies

Analogous

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



7A785B



6A7C62



5A7E6F

Triad

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



6A7C62



5C7A92



946D70

Complementary

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



6A7C62



74627C

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.



8F6D7F



6A7C62



6F7692

Square

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



6A7C62



507E8A



82718B



926F63

Rectangle

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



6A7C62



527F79



82718B



936D75

Sweetspot

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



6A7C62



9AA197



7C7462



4E524C



D1D1D1



525252

Same Dimension

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



6A7C62



85A178



627C67



393D37



267D00



4EFC00

Inverse Universe

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



74627C



9478A1



7C6277



3B373D



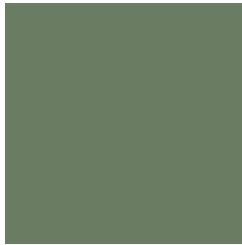
57007D



AF00FC

Previews

White Background



This preview shows how the Hex color 6A7C62 looks on a white background.

Color Contrast Check

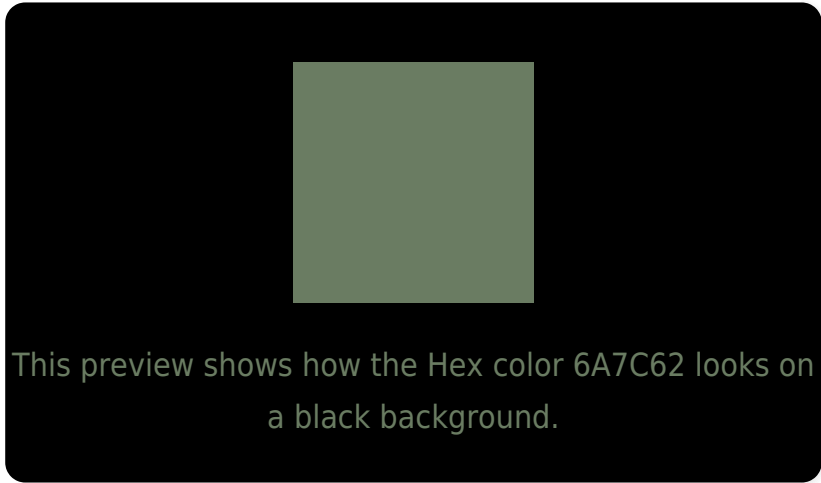
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

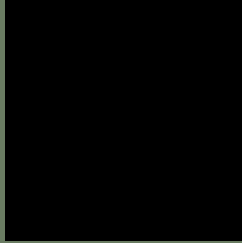
Any Text WCAG AA ✓ Pass

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 6A7C62 Background



This preview shows how black text looks on a background with the Hex color 6A7C62.



This preview shows how white text looks on a background with the Hex color 6A7C62.

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
6A7C62

Protanopia
7E765F

Deuteranopia
887264



Tritanopia
6F7881

Trichromacy



Original Color
6A7C62

Protanomaly
777860

Deuteranomaly
7D7663

Tritanomaly
6D7976

Monochromacy



Original Color
6A7C62

Achromatopsia
747474

Achromatomaly
70776D

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A7C62 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 #6A7C62 looks like.

```
.text, #text, p{  
    color:#6A7C62  
}
```

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 #6A7C62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A7C62
}
```

Border

The CSS property to change the border of an element to Hex 6A7C62 is called "border". The border property can be set on classes, ids or directly on the HTML element.

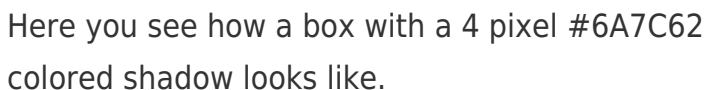
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A7C62 }
```

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

```
.border{ border-color:#6A7C62 }
```

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



Here you see how a box with a 4 pixel #6A7C62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A7C62; -webkit-box-shadow:4px 4px  
4px 4px #6A7C62; box-shadow:4px 4px 4px  
4px #6A7C62 }
```

Background

The CSS property to change the background color of an element to Hex 6A7C62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A7C62 }
```

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

```
.background{ background-color:#6A7C62 }
```

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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