

Converting Colors

Hex(637A62)

Have a look what the booklet for
Hex(637A62) contains.

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Color

Hex(637A62)

Conversions

Conversions Part 1

Format	Color
Hex	637A62
RGB	99, 122, 98
RGB Percent	39%, 48%, 38%
CMY	0.6118, 0.5216, 0.6157
CMYK	0.19, 0.00, 0.20, 0.52
HSL	118°, 11%, 43%
HSV	118°, 20%, 48%
XYZ	14.3097, 17.4536, 14.1699
YIQ	112.3870, -6.0040, -12.3400

Conversions

Conversions Part 2

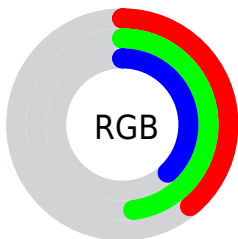
Format	Color
R_{YB}	98, 122, 121
Decimal	6519394
CIE _{Lab}	48.83, -13.43, 10.42
CIE _{LCh}	49, 16.999, 142.206
Yxy	17.4536, 0.3115, 0.3800
Android (android.graphics.Color)	4284709474 (0xFF637A62)
YUV	112.3870, -7.0928, -11.7404
Hunter-Lab	41.7775, -11.9702, 9.1344

Details


The Hex color **637A62** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **79627A**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **96AE95**, and **344933** is the 20% darker color. If you saturate the color by 10%, you get **577A56**, and if you desaturate by 10%, it is **6F7A6E**.

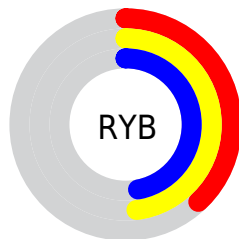
Distribution



 Red (39%)

 Green (48%)

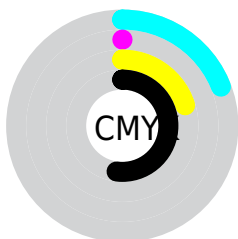
 Blue (38%)




 Red (38%)

 Yellow (48%)

 Blue (47%)

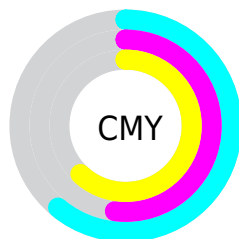



 Cyan (19%)


 Magenta (0%)

 Yellow (20%)

 Black (52%)



 Cyan (61%)

 Magenta (52%)

 Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 637A62 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 637A62 by changing the saturation by 10% instead.



637A62



637A62

FFFFFF



4B614A



96AE95



344933



B1CAAF



1E331E



CCE6CB



091E06



E9FFE7



000000



637A62



637A62



577A56



6F7A6E



4C7A4A



7A7A7A



407A3D



867A87

■ 347A31

■ 927A93

■ 297A25

■ 9D7A9F

■ 1D7A19

■ A97AAB

■ 117A0D

■ B57AB7

■ 057A00

■ C17AC4

■ CC7AD0

Harmonies

Analogous

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



737659



637A62



547C70

Triad

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



637A62



5E7690



926A6A

Complementary

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



637A62



79627A

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.



8E6A78



637A62



71728E

Square

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



637A62



4F7A8A



836D86



8D6D5E

Rectangle

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



637A62



4D7C7A



836D86



916A6F

Sweetspot

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



637A62



959E95



7A7962



4A4F4A



CFCFCF



4F4F4F

Same Dimension

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



637A62



7A9E78



627A6D



373D37



057D00



0BFC00

Inverse Universe

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



79627A



9D789E



7A626F



3D373D



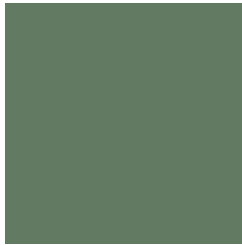
78007D



F200FC

Previews

White Background



This preview shows how the Hex color 637A62 looks on a white background.

Color Contrast Check

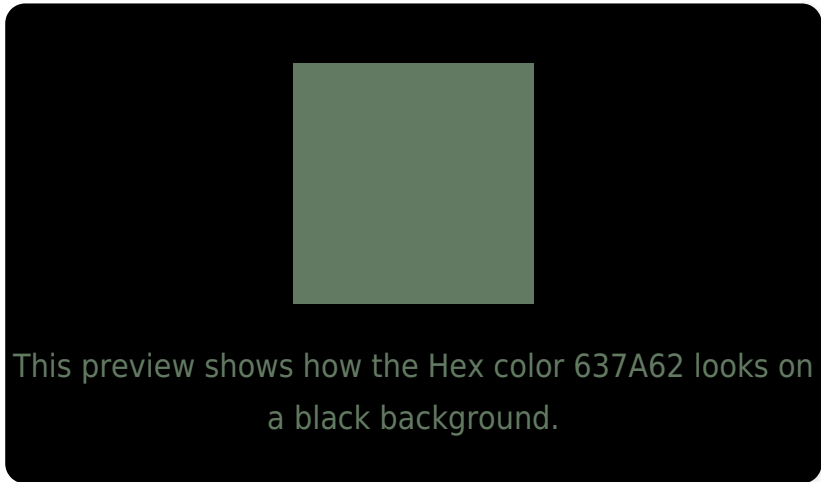
Large Text (above 18pt) WCAG AA ✓ Pass

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

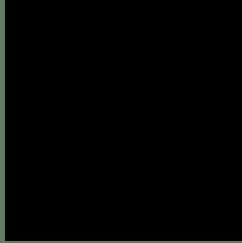
Any Text WCAG AA × Fail

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 637A62 Background



This preview shows how black text looks on a background with the Hex color 637A62.



This preview shows how white text looks on a background with the Hex color 637A62.

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](#).

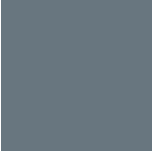
Dichromacy



Original Color
637A62

Protanopia
7A735F

Deuteranopia
846F64



Tritanopia
68767F

Trichromacy



Original Color
637A62

Protanomaly
727660

Deuteranomaly
787363

Tritanomaly
667774

Monochromacy



Original Color
637A62

Achromatopsia
707070

Achromatomaly
6B746B

CSS Examples

Text

The CSS property to change the color of the text to Hex 637A62 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 #637A62 looks like.

```
.text, #text, p{  
    color:#637A62  
}
```

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 #637A62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #637A62
}
```

Border

The CSS property to change the border of an element to Hex 637A62 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
#637A62 }
```

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

```
.border{ border-color:#637A62 }
```

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

Here you see how a box with a 4 pixel #637A62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #637A62; -webkit-box-shadow:4px 4px  
4px 4px #637A62; box-shadow:4px 4px 4px  
4px #637A62 }
```

Background

The CSS property to change the background color of an element to Hex 637A62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#637A62 }
```

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

```
.background{ background-color:#637A62 }
```

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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