

Converting Colors

Hex(637A52)

Have a look what the booklet for
Hex(637A52) contains.

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Color

Hex(637A52)

Conversions

Conversions Part 1

Format	Color
Hex	637A52
RGB	99, 122, 82
RGB Percent	39%, 48%, 32%
CMY	0.6118, 0.5216, 0.6784
CMYK	0.19, 0.00, 0.33, 0.52
HSL	95°, 20%, 40%
HSV	95°, 33%, 48%
XYZ	13.6281, 17.1809, 10.5806
YIQ	110.5630, -0.8680, -17.3160

Conversions

Conversions Part 2

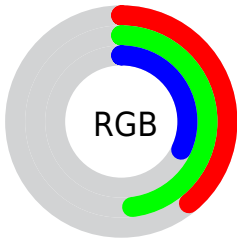
Format	Color
R_{YB}	82, 122, 105
Decimal	6519378
CIE _{Lab}	48.49, -16.26, 19.24
CIE _{LCh}	48, 25.189, 130.213
Yxy	17.1809, 0.3293, 0.4151
Android (android.graphics.Color)	4284709458 (0xFF637A52)
YUV	110.5630, -14.0816, -10.1408
Hunter-Lab	41.4499, -13.8491, 13.8804

Details

The Hex color **637A52** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **69527A**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **96AE84**, and **334925** is the 20% darker color. If you saturate the color by 10%, you get **5C7A46**, and if you desaturate by 10%, it is **6A7A5E**.

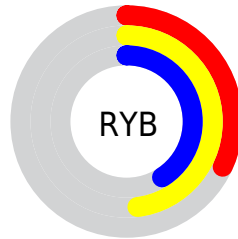
Distribution



Red (39%)

Green (48%)

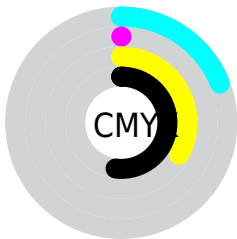
Blue (32%)



Red (32%)

Yellow (48%)

Blue (41%)

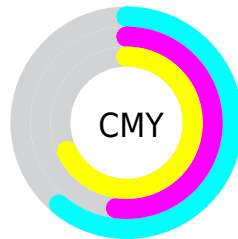


Cyan (19%)

Magenta (0%)

Yellow (33%)

Black (52%)



Cyan (61%)

Magenta (52%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 637A52 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 637A52 by changing the saturation by 10% instead.



637A52



637A52

FFFFFF



4B613B



96AE84



334925



B1CA9E



1D330F



CDE6B9



051E00



E9FFD5



000000



FFFFF1



637A52



637A52



5C7A46



6A7A5E



557A3A



717A6A

 4E7A2D

 787A77

 477A21

 7F7A83

 407A15

 867A8F

 397A09

 8D7A9B

 347A00

 947AA7

 9B7AB4

 A27AC0

Harmonies

Analogous

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



7A7449



637A52



497E64

Triad

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



637A52



40799B



9D636D

Complementary

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



637A52



69527A

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.



946582



637A52



61739D

Square

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



637A52



297D8E



7F6B94



9A6659

Rectangle

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



637A52



397F73



7F6B94



9B6374

Sweetspot

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



637A52



959E8E



7A6952



4A4F46



CFCFCF



4F4F4F

Same Dimension

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



637A52



7B9E60



527A55



3A3D37



357D00



6BFC00

Inverse Universe

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



69527A



84609E



7A5277



3B373D



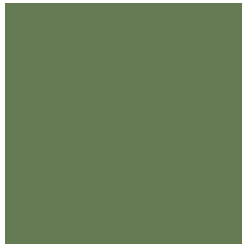
48007D



9100FC

Previews

White Background



This preview shows how the Hex color 637A52 looks on a white background.

Color Contrast Check

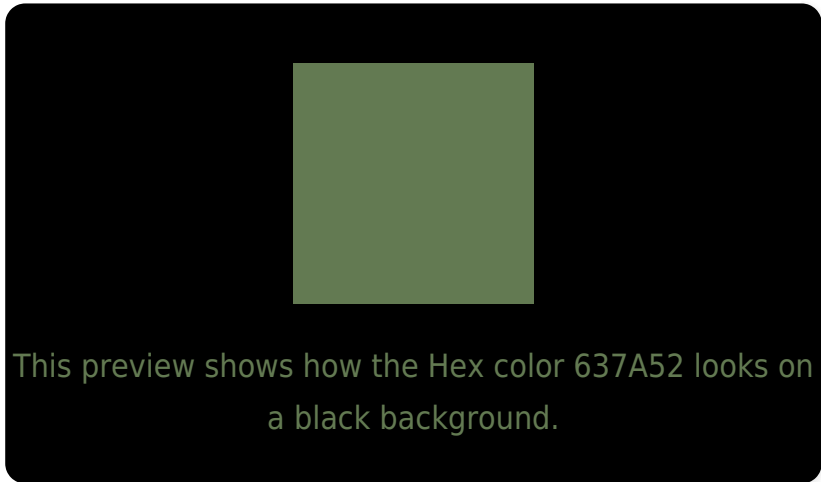
Large Text (above 18pt) WCAG AA ✓ Pass

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

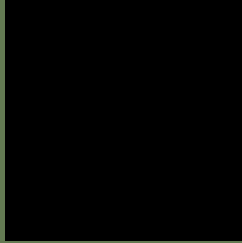
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

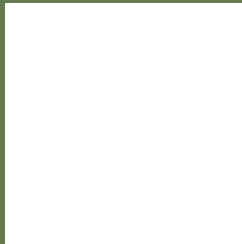
Any Text WCAG AAA × Fail

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

Hex 637A52 Background



This preview shows how black text looks on a background with the Hex color 637A52.



This preview shows how white text looks on a background with the Hex color 637A52.

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
637A52

Protanopia
7C734F

Deuteranopia
886E55



Tritanopia
6A757E

Trichromacy



Original Color
637A52

Protanomaly
737650

Deuteranomaly
7B7254

Tritanomaly
67776E

Monochromacy



Original Color
637A52

Achromatopsia
6F6F6F

Achromatomaly
6B7364

CSS Examples

Text

The CSS property to change the color of the text to Hex 637A52 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 #637A52 looks like.

```
.text, #text, p{  
    color:#637A52  
}
```

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 #637A52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #637A52
}
```

Border

The CSS property to change the border of an element to Hex 637A52 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
#637A52 }
```

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

```
.border{ border-color:#637A52 }
```

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

Here you see how a box with a 4 pixel #637A52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #637A52; -webkit-box-shadow:4px 4px  
4px 4px #637A52; box-shadow:4px 4px 4px  
4px #637A52 }
```

Background

The CSS property to change the background color of an element to Hex 637A52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#637A52 }
```

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

```
.background{ background-color:#637A52 }
```

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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