

Converting Colors

Hex(627E42)

Have a look what the booklet for
Hex(627E42) contains.

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Color

Hex(627E42)

Conversions

Conversions Part 1

Format	Color
Hex	627E42
RGB	98, 126, 66
RGB Percent	38%, 49%, 26%
CMY	0.6157, 0.5059, 0.7412
CMYK	0.22, 0.00, 0.48, 0.51
HSL	88°, 31%, 38%
HSV	88°, 48%, 49%
XYZ	13.4812, 17.9117, 7.9010
YIQ	110.7880, 2.5720, -24.5960

Conversions

Conversions Part 2

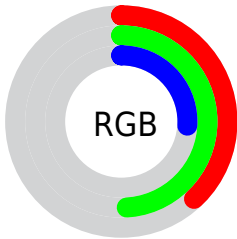
Format	Color
RYB	66, 126, 94
Decimal	6454850
CIELab	49.39, -21.09, 29.32
CIElCh	49, 36.118, 125.732
Yxy	17.9117, 0.3431, 0.4558
Android (android.graphics.Color)	4284644930 (0xFF627E42)
YUV	110.7880, -22.0805, -11.2151
Hunter-Lab	42.3222, -17.2050, 18.5569

Details

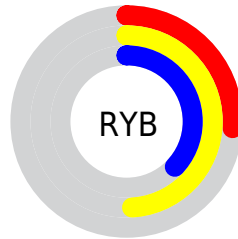
The Hex color **627E42** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **5E427E**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **96B373**, and **314D14** is the 20% darker color. If you saturate the color by 10%, you get **5C7E35**, and if you desaturate by 10%, it is **687E4F**.

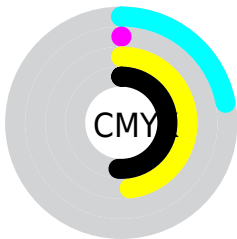
Distribution



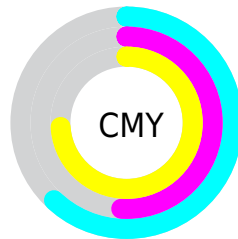
- Red (38%)
- Green (49%)
- Blue (26%)



- Red (26%)
- Yellow (49%)
- Blue (37%)



- Cyan (22%)
- Magenta (0%)
- Yellow (48%)
- Black (51%)



- Cyan (62%)
- Magenta (51%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 627E42 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 627E42 by changing the saturation by 10% instead.



627E42



627E42

FFFFFF



49652B



96B373



314D14



B1CE8D



1B3600



CDEBA8



002100



E9FFC3



000000



FFFFDF



FFFFFC



627E42



627E42



5C7E35



687E4F

■ 567E29

■ 6E7E5B

■ 507E1C

■ 747E68

■ 4A7E10

■ 7A7E74

■ 457E03

■ 7F7E81

■ 437E00

■ 857E8E

■ 8B7E9A

■ 917EA7

■ 977EB3

Harmonies

Analogous

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



827637



627E42



39835B

Triad

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



627E42



007FAD



AF5C71

Complementary

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



627E42



5E427E

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.



A0608F



627E42



4D77B2

Square

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



627E42



008498



806BA7



AC6153

Rectangle

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



627E42



018570



806BA7



AC5C7B

Sweetspot

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



627E42



99A38C



7E5E42



4B5244



D1D1D1



525252

Same Dimension

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



627E42



78A346



447E42



3D4039



448000



000000

Inverse Universe

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



5E427E



7246A3



7C427E



3C3940



3C0080



000000

Previews

White Background



This preview shows how the Hex color 627E42 looks on a white background.

Color Contrast Check

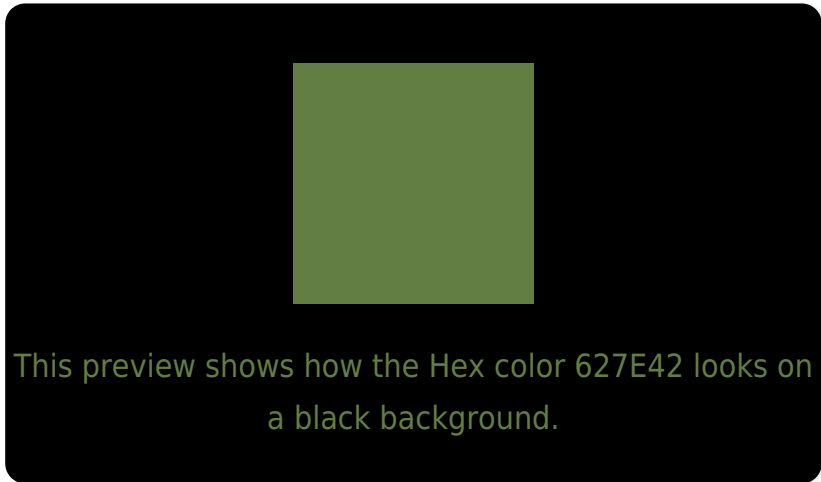
Large Text (above 18pt) WCAG AA ✓ Pass

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

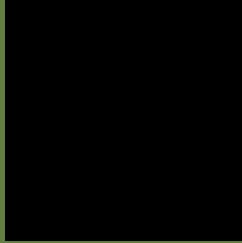
Any Text WCAG AA ✓ Pass

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 627E42 Background



This preview shows how black text looks on a background with the Hex color 627E42.

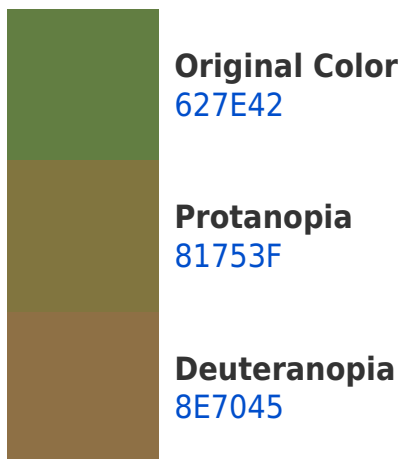


This preview shows how white text looks on a background with the Hex color 627E42.

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





Tritanopia
6B7780

Trichromacy



Original Color

627E42

Protanomaly

767840

Deuteranomaly

7E7544

Tritanomaly

687A69

Monochromacy



Original Color

627E42

Achromatopsia

6F6F6F

Achromatomaly

6A745F

CSS Examples

Text

The CSS property to change the color of the text to Hex 627E42 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 #627E42 looks like.

```
.text, #text, p{  
    color:#627E42  
}
```

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 #627E42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #627E42
}
```

Border

The CSS property to change the border of an element to Hex 627E42 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
#627E42 }
```

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

```
.border{ border-color:#627E42 }
```

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

Here you see how a box with a 4 pixel #627E42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #627E42; -webkit-box-shadow:4px 4px  
4px 4px #627E42; box-shadow:4px 4px 4px  
4px #627E42 }
```

Background

The CSS property to change the background color of an element to Hex 627E42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#627E42 }
```

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

```
.background{ background-color:#627E42 }
```

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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