

# Converting Colors

Hex(627B5E)

Have a look what the booklet for  
Hex(627B5E) contains.

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# Color

Hex(627B5E)

# Conversions

## Conversions Part 1

Format	Color
Hex	627B5E
RGB	98, 123, 94
RGB Percent	38%, 48%, 37%
CMY	0.6157, 0.5176, 0.6314
CMYK	0.20, 0.00, 0.24, 0.52
HSL	112°, 13%, 43%
HSV	112°, 24%, 48%
XYZ	14.1403, 17.5707, 13.2359
YIQ	112.2190, -5.5910, -14.3190

# Conversions

## Conversions Part 2

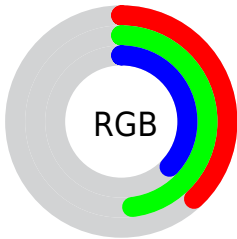
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	94, 123, 119
Decimal	6454110
CIE <sub>Lab</sub>	48.97, -15.11, 12.95
CIE <sub>LCh</sub>	49, 19.898, 139.414
Yxy	17.5707, 0.3146, 0.3909
Android (android.graphics.Color)	4284644190 (0xFF627B5E)
YUV	112.2190, -8.9820, -12.4701
Hunter-Lab	41.9175, -13.1408, 10.6208

# Details

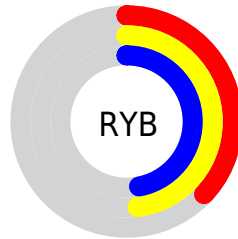
The Hex color **627B5E** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **775E7B**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **95B090**, and **334A30** is the 20% darker color. If you saturate the color by 10%, you get **577B52**, and if you desaturate by 10%, it is **6D7B6A**.

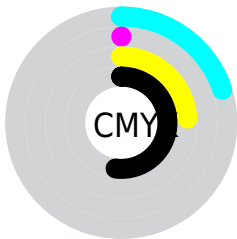
# Distribution



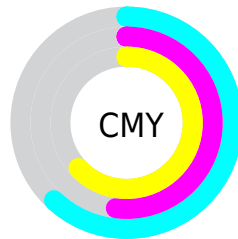
- Red (38%)
- Green (48%)
- Blue (37%)



- Red (37%)
- Yellow (48%)
- Blue (47%)



- Cyan (20%)
- Magenta (0%)
- Yellow (24%)
- Black (52%)



- Cyan (62%)
- Magenta (52%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 627B5E 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 627B5E by changing the saturation by 10% instead.





627B5E



627B5E

FFFFFF



4A6246



95B090



334A30



B0CBAB



1D331B



CBE7C6



081E00



E8FFE2



000000



627B5E



627B5E



577B52



6D7B6A



4D7B45



777B77



427B39



827B83

 387B2D

 8C7B8F

 2D7B20


 977B9B

 227B14

 A27BA8

 187B08

 AC7BB4

 117B00

 B77BC0

 C17BCD

# Harmonies

## Analogous

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



757754



627B5E



4F7D6E

# Triad

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



627B5E



577895



97686A

# Complementary

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



627B5E



775E7B

# 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.



92697B



627B5E



6F7294

# Square

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



627B5E



457C8D



846C8A



926C5B

# Rectangle

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



627B5E



467E79



846C8A



966870



# Sweetspot

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



627B5E



97A195



7B775E



4C524B



D1D1D1



525252



# Same Dimension

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



627B5E



7AA174



5E7B68



383D37



117D00



23FC00



# Inverse Universe

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



775E7B



9A74A1



7B5E71



3C373D



6C007D

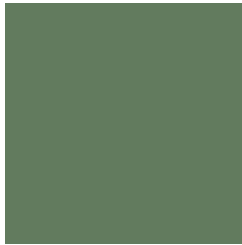


DA00FC



# Previews

## White Background



This preview shows how the Hex color 627B5E looks on a white background.

## Color Contrast Check

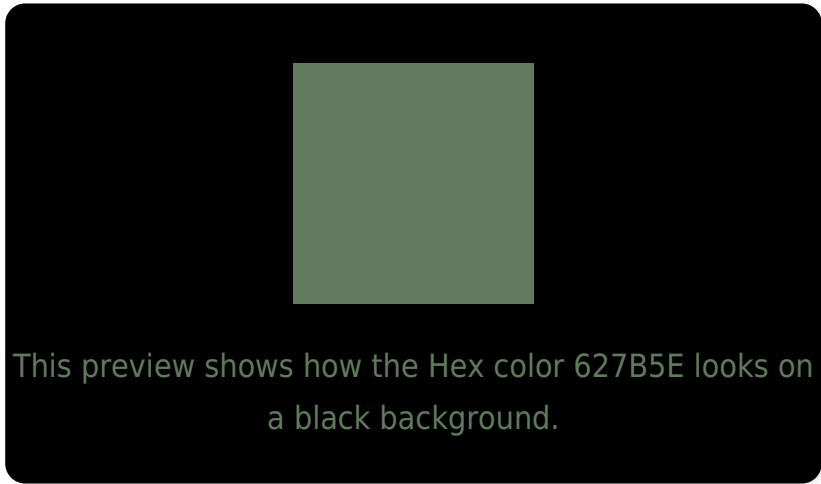
Large Text (above 18pt) WCAG AA ✓ Pass

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

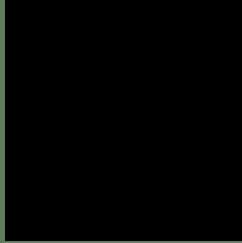
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 627B5E Background



This preview shows how black text looks on a background with the Hex color 627B5E.



This preview shows how white text looks on a background with the Hex color 627B5E.

# 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**  
627B5E

**Protanopia**  
7C745B

**Deuteranopia**  
867060



**Tritanopia**  
687680

# Trichromacy



**Original Color**  
627B5E

**Protanomaly**  
73775C

**Deuteranomaly**  
79745F

**Tritanomaly**  
667874

# Monochromacy



**Original Color**  
627B5E

**Achromatopsia**  
707070

**Achromatomaly**  
6B7469

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 627B5E 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 #627B5E looks like.

```
.text, #text, p{  
    color:#627B5E  
}
```

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 #627B5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #627B5E
}
```

## Border

The CSS property to change the border of an element to Hex 627B5E 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
#627B5E }
```

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

```
.border{ border-color:#627B5E }
```

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

Here you see how a box with a 4 pixel #627B5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #627B5E; -webkit-box-shadow:4px 4px  
4px 4px #627B5E; box-shadow:4px 4px 4px  
4px #627B5E }
```

# Background

The CSS property to change the background color of an element to Hex 627B5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#627B5E }
```

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

```
.background{ background-color:#627B5E }
```

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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