

# Converting Colors

Hex(627B49)

Have a look what the booklet for  
Hex(627B49) contains.

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**Color**

**Hex(627B49)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	627B49
RGB	98, 123, 73
RGB Percent	38%, 48%, 29%
CMY	0.6157, 0.5176, 0.7137
CMYK	0.20, 0.00, 0.41, 0.52
HSL	90°, 26%, 38%
HSV	90°, 41%, 48%
XYZ	13.3226, 17.2436, 8.9295
YIQ	109.8250, 1.1500, -20.8500

# Conversions

## Conversions Part 2

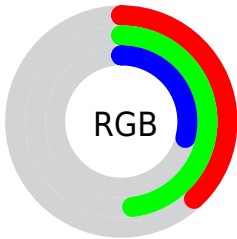
<b>Format</b>	<b>Color</b>
<b>RYB</b>	73, 123, 98
Decimal	6454089
CIELab	48.57, -18.57, 24.43
CIELCh	49, 30.685, 127.245
Yxy	17.2436, 0.3373, 0.4366
Android (android.graphics.Color)	4284644169 (0xFF627B49)
YUV	109.8250, -18.1547, -10.3705
Hunter-Lab	41.5254, -15.4016, 16.3183

# Details

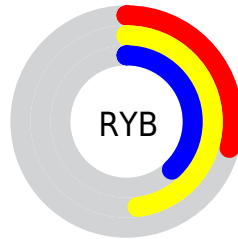
The Hex color **627B49** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **62497B**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **96B07A**, and **324A1C** is the 20% darker color. If you saturate the color by 10%, you get **5C7B3D**, and if you desaturate by 10%, it is **687B55**.

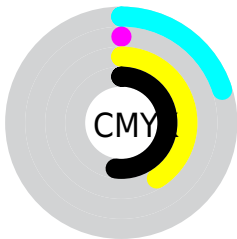
# Distribution



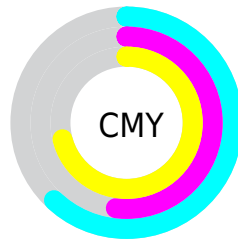
- Red (38%)
- Green (48%)
- Blue (29%)



- Red (29%)
- Yellow (48%)
- Blue (38%)



- Cyan (20%)
- Magenta (0%)
- Yellow (41%)
- Black (52%)



- Cyan (62%)
- Magenta (52%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 627B49 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 627B49 by changing the saturation by 10% instead.



 627B49

 627B49

FFFFFF

 4A6232

 96B07A

 324A1C

 B1CB94

 1C3304

 CCE7AF

 001F00

 E9FFCB

 000000

 FFFF E7

 627B49

 627B49

 5C7B3D

 687B55

 567B30

 6E7B62

■ 507B24

■ 747B6E

■ 497B18

■ 7B7B7A

■ 437B0B

■ 817B87

■ 3E7B00

■ 877B93

■ 8D7B9F

■ 937BAB

■ 997BB8

# Harmonies

## Analogous

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



7E743F



627B49



417F5E

# Triad

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



627B49



227BA3



A55F6E

# Complementary

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



627B49



62497B

# 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.



996288



627B49



5774A7

# Square

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



627B49



008092



7E6A9D



A36355

# Rectangle

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



627B49



268170



7E6A9D



A35F77



# Sweetspot

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



627B49



97A18D



7B6249



4C5246



D1D1D1



525252



# Same Dimension

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



627B49



79A152



497B49



3A3D37



3E7D00



7EFC00



# Inverse Universe

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



62497B



7952A1



7B497B



3A373D



3E007D



7E00FC



# Previews

## White Background



This preview shows how the Hex color 627B49 looks on a white background.

## Color Contrast Check

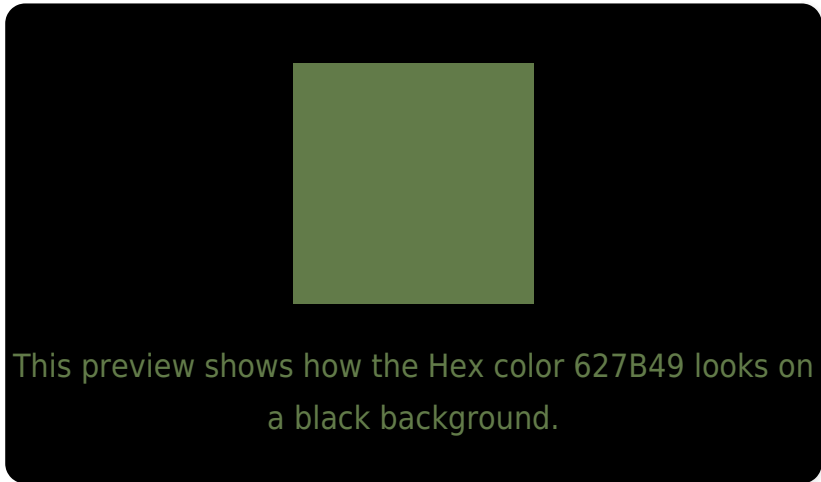
Large Text (above 18pt) WCAG AA ✓ Pass

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 627B49 Background



This preview shows how black text looks on a background with the Hex color 627B49.



This preview shows how white text looks on a background with the Hex color 627B49.

# 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**  
627B49

**Protanopia**  
7E7346

**Deuteranopia**  
8A6E4C



**Tritanopia**  
6A757E

# Trichromacy



**Original Color**  
627B49

**Protanomaly**  
747647

**Deuteranomaly**  
7B734B

**Tritanomaly**  
67776B

# Monochromacy



**Original Color**  
627B49

**Achromatopsia**  
6E6E6E

**Achromatomaly**  
6A7361

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 627B49 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 #627B49 looks like.

```
.text, #text, p{  
    color:#627B49  
}
```

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 #627B49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #627B49
}
```

## Border

The CSS property to change the border of an element to Hex 627B49 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
#627B49 }
```

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

```
.border{ border-color:#627B49 }
```

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

Here you see how a box with a 4 pixel #627B49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #627B49; -webkit-box-shadow:4px 4px  
4px 4px #627B49; box-shadow:4px 4px 4px  
4px #627B49 }
```

# Background

The CSS property to change the background color of an element to Hex 627B49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#627B49 }
```

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

```
.background{ background-color:#627B49 }
```

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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