

# Converting Colors

Hex(627662)

Have a look what the booklet for  
Hex(627662) contains.

<b>Hex(627662)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(627662)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	627662
RGB	98, 118, 98
RGB Percent	38%, 46%, 38%
CMY	0.6157, 0.5373, 0.6157
CMYK	0.17, 0.00, 0.17, 0.54
HSL	120°, 9%, 42%
HSV	120°, 17%, 46%
XYZ	13.7200, 16.4354, 14.0045
YIQ	109.7400, -5.5000, -10.4600

# Conversions

## Conversions Part 2

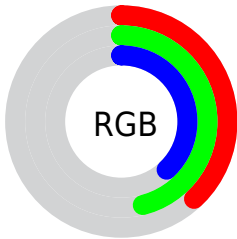
<b>Format</b>	<b>Color</b>
<b>RYB</b>	98, 118, 118
Decimal	6452834
CIELab	47.54, -11.60, 8.60
CIElCh	48, 14.435, 143.448
Yxy	16.4354, 0.3107, 0.3722
Android (android.graphics.Color)	4284642914 (0xFF627662)
YUV	109.7400, -5.7878, -10.2960
Hunter-Lab	40.5406, -10.5367, 7.8970

# Details

The Hex color **627662** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **766276**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **95AA95**, and **334634** is the 20% darker color. If you saturate the color by 10%, you get **567656**, and if you desaturate by 10%, it is **6E766E**.

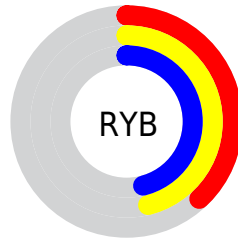
# Distribution



Red (38%)

Green (46%)

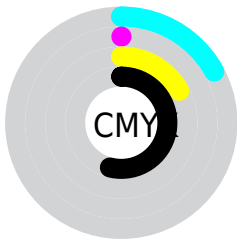
Blue (38%)



Red (38%)

Yellow (46%)

Blue (46%)

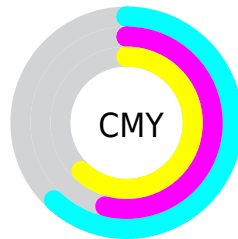


Cyan (17%)

Magenta (0%)

Yellow (17%)

Black (54%)



Cyan (62%)

Magenta (54%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 627662 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 627662 by changing the saturation by 10% instead.



627662

627662

FFFFFF

4A5D4A

95AA95

334634

B0C5AF

1E2F1E

CBE1CB

071B06

E7FEE7

000000

627662

627662

567656

6E766E

4A764A

7A767A

3F763F

857685

■ 337633

■ 917691

■ 277627

■ 9D769D

■ 1B761B

■ A976A9

■ 0F760F

■ B576B5

■ 047604

■ C076C0

■ 007600

■ CC76CC

# Harmonies

## Analogous

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



70735A



627662



56786E

# Triad

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



627662



5F7389



8A6968

# Complementary

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



627662



766276

# 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.



876874



627662



6F6F87

# Square

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



627662



537684



7E6B7F



866B5E

# Rectangle

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



627662



517876



7E6B7F



8A686C



# Sweetspot

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



627662



919991



767662



484D48



CCCCCC



4D4D4D



# Same Dimension

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



627662



7A997A



62766C



353B35



007A00



00FA00



# Inverse Universe

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



766276



997A99



76626C



3B353B



7A007A



FA00FA



# Previews

## White Background



This preview shows how the Hex color 627662 looks on a white background.

## Color Contrast Check

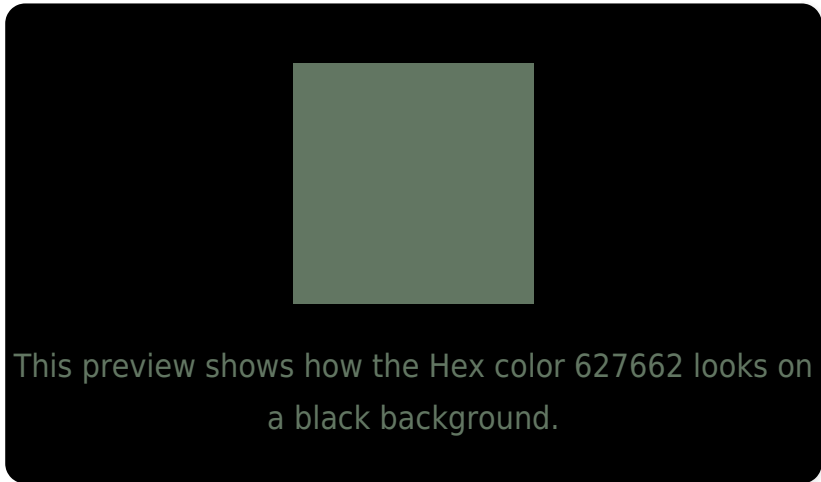
Large Text (above 18pt) WCAG AA ✓ Pass

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

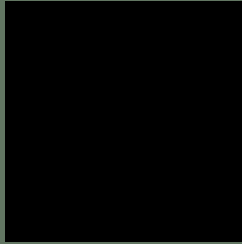
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

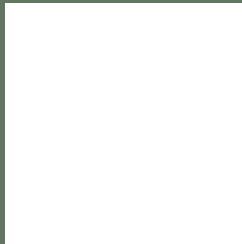
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 627662 Background



This preview shows how black text looks on a background with the Hex color 627662.



This preview shows how white text looks on a background with the Hex color 627662.

# 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**  
627662

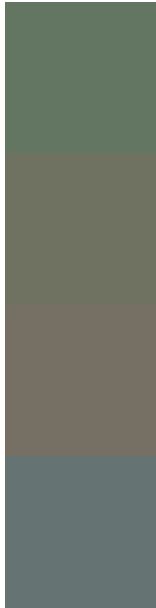
**Protanopia**  
76705F

**Deuteranopia**  
806C64



**Tritanopia**  
66727C

# Trichromacy



**Original Color**  
627662

**Protanomaly**  
6F7260

**Deuteranomaly**  
757063

**Tritanomaly**  
657373

# Monochromacy



**Original Color**  
627662

**Achromatopsia**  
6E6E6E

**Achromatomaly**  
6A716A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 627662 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 #627662 looks like.

```
.text, #text, p{  
    color:#627662  
}
```

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 #627662 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #627662
}
```

## Border

The CSS property to change the border of an element to Hex 627662 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
#627662 }
```

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

```
.border{ border-color:#627662 }
```

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

Here you see how a box with a 4 pixel #627662 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #627662; -webkit-box-shadow:4px 4px  
4px 4px #627662; box-shadow:4px 4px 4px  
4px #627662 }
```

# Background

The CSS property to change the background color of an element to Hex 627662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#627662 }
```

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

```
.background{ background-color:#627662 }
```

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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