

# Converting Colors

Hex(627565)

Have a look what the booklet for  
Hex(627565) contains.

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# Color

**Hex(627565)**

# Conversions

## Conversions Part 1

Format	Color
Hex	627565
RGB	98, 117, 101
RGB Percent	38%, 46%, 40%
CMY	0.6157, 0.5412, 0.6039
CMYK	0.16, 0.00, 0.14, 0.54
HSL	129°, 9%, 42%
HSV	129°, 16%, 46%
XYZ	13.7473, 16.2588, 14.7256
YIQ	109.4950, -6.1880, -9.0040

# Conversions

## Conversions Part 2

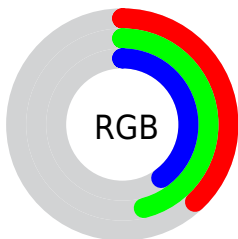
Format	Color
R <sub>Y</sub> B	98, 114, 117
Decimal	6452581
CIE Lab	47.31, -10.44, 6.50
CIE LCh	47, 12.296, 148.092
Yxy	16.2588, 0.3073, 0.3635
Android (android.graphics.Color)	4284642661 (0xFF627565)
YUV	109.4950, -4.1880, -10.0811
Hunter-Lab	40.3222, -9.7071, 6.5729

# Details

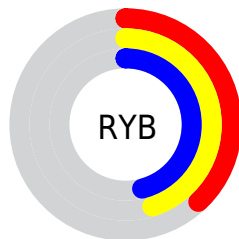
The Hex color **627565** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **756272**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **95A998**, and **334536** is the 20% darker color. If you saturate the color by 10%, you get **56755B**, and if you desaturate by 10%, it is **6E756F**.

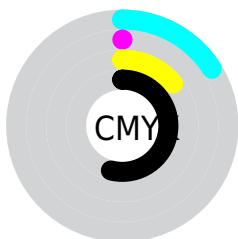
# Distribution



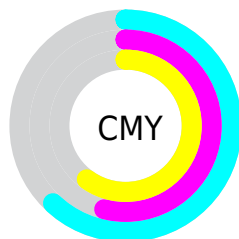
- Red (38%)
- Green (46%)
- Blue (40%)



- Red (38%)
- Yellow (45%)
- Blue (46%)



- Cyan (16%)
- Magenta (0%)
- Yellow (14%)
- Black (54%)



- Cyan (62%)
- Magenta (54%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 627565 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 627565 by changing the saturation by 10% instead.



627565

627565

FFFFFF

4A5C4D

95A998

334536

B0C4B3

1E2E21

CBE0CE

071A0A

E7FDEA

000000

627565

627565

56755B

6E756F

4B7551

797579

3F7547

857583

■ 33753E

■ 91758C

■ 287534

■ 9D7596

■ 1C752A

■ A875A0

■ 107520

■ B475AA

■ 047516

■ C075B4

■ 007512

■ CB75BE

# Harmonies

## Analogous

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



6E735E



627565



59766F

# Triad

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



627565



647185



866A67

# Complementary

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



627565



756272

# 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.



846971



627565



716E82

# Square

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



627565



597481



7D6B7B



826C5F

# Rectangle

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



627565



557676



7D6B7B



86696A



# Sweetspot

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



627565



919993



727562



484D49



CCCCCC



4D4D4D



# Same Dimension

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



627565



7C9981



62756E



353B36



007A13



00FA27



# Inverse Universe

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



756272



997C94



756269



3B353A



7A0067



FA00D2



# Previews

## White Background



This preview shows how the Hex color 627565 looks on a white background.

## Color Contrast Check

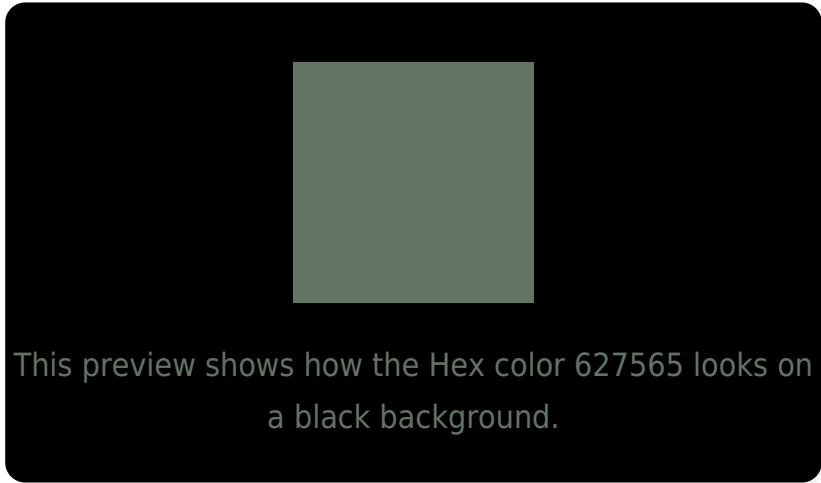
Large Text (above 18pt) WCAG AA ✓ Pass

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

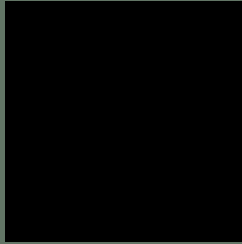
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 627565 Background



This preview shows how black text looks on a background with the Hex color 627565.

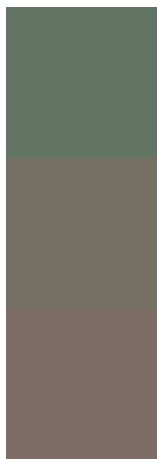


This preview shows how white text looks on a background with the Hex color 627565.

# 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**  
627565

**Protanopia**  
757062

**Deuteranopia**  
7E6C67



**Tritanopia**  
66727B

# Trichromacy



**Original Color**  
627565

**Protanomaly**  
6E7263

**Deuteranomaly**  
746F66

**Tritanomaly**  
657373

# Monochromacy



**Original Color**  
627565

**Achromatopsia**  
6D6D6D

**Achromatomaly**  
69706A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 627565 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 #627565 looks like.

```
.text, #text, p{  
    color:#627565  
}
```

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 #627565 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #627565
}
```

## Border

The CSS property to change the border of an element to Hex 627565 is called "border". The border property can be set on classes, ids or directly on the HTML element.

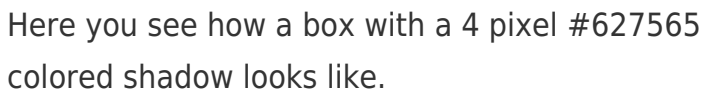
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#627565 }
```

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

```
.border{ border-color:#627565 }
```

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



Here you see how a box with a 4 pixel #627565 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #627565; -webkit-box-shadow:4px 4px  
4px 4px #627565; box-shadow:4px 4px 4px  
4px #627565 }
```

# Background

The CSS property to change the background color of an element to Hex 627565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#627565 }
```

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

```
.background{ background-color:#627565 }
```

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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