

# Converting Colors

Hex(677A65)

Have a look what the booklet for  
Hex(677A65) contains.

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# Color

Hex(677A65)

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 677A65                      |
| RGB         | 103, 122, 101               |
| RGB Percent | 40%, 48%, 40%               |
| CMY         | 0.5961, 0.5216, 0.6039      |
| CMYK        | 0.16, 0.00, 0.17, 0.52      |
| HSL         | 114°, 9%, 44%               |
| HSV         | 114°, 17%, 48%              |
| XYZ         | 14.9020, 17.7422, 14.9511   |
| YIQ         | 113.9250, -4.5830, -10.5590 |

# Conversions

## Conversions Part 2

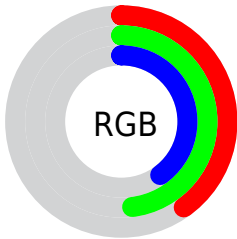
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 101, 122, 120                 |
| Decimal                             | 6781541                       |
| CIELab                              | 49.18, -11.34, 9.20           |
| CIElCh                              | 49, 14.607, 140.956           |
| Yxy                                 | 17.7422, 0.3131,<br>0.3728    |
| Android<br>(android.graphics.Color) | 4284971621<br>(0xFF677A65)    |
| YUV                                 | 113.9250, -6.3720,<br>-9.5812 |
| Hunter-Lab                          | 42.1215, -10.5618,<br>8.4400  |

# Details

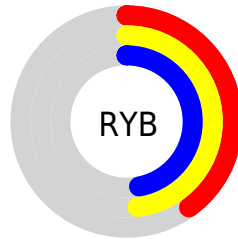
The Hex color **677A65** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **78657A**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **9AAE98**, and **384936** is the 20% darker color. If you saturate the color by 10%, you get **5C7A59**, and if you desaturate by 10%, it is **727A71**.

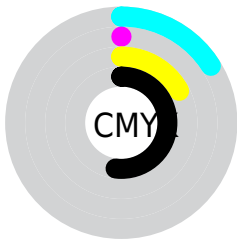
# Distribution



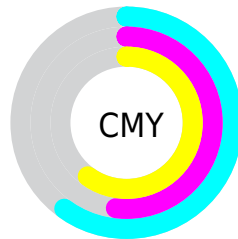
- Red (40%)
- Green (48%)
- Blue (40%)



- Red (40%)
- Yellow (48%)
- Blue (47%)



- Cyan (16%)
- Magenta (0%)
- Yellow (17%)
- Black (52%)



- Cyan (60%)
- Magenta (52%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 677A65 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 677A65 by changing the saturation by 10% instead.



677A65

677A65

FFFFFF

4F614D

9AAE98

384936

B5CAB3

223321

D1E6CE

0E1E0B

EDFFEA

000000

677A65

677A65

5C7A59

727A71

517A4D

7D7A7D

467A40

887A8A

■ 3B7A34

■ 937A96

■ 307A28

■ 9E7AA2

■ 257A1C

■ A97AAE

■ 1A7A10

■ B47ABA

■ 0F7A03

■ BF7AC7

■ 0C7A00

■ CA7AD3

# Harmonies

## Analogous

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



75775E



677A65



5A7C71

# Triad

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



677A65



62778D



8F6C6D

# Complementary

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



677A65



78657A

# 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.



8B6D79



677A65



72738C

# Square

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



677A65



567A88



816F85



8B6F62

# Rectangle

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



677A65



557C79



816F85



8E6C71



# Sweetspot

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



677A65



979E96



7A7865



4B4F4A



CFCFCF



4F4F4F



# Same Dimension

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



677A65



809E7D



657A6D



383D37



0C7D00



18FC00



# Inverse Universe

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



78657A



9B7D9E



7A6572



3D373D



71007D

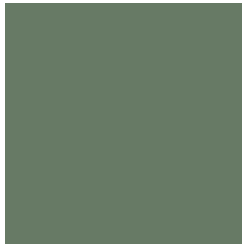


E400FC



# Previews

## White Background



This preview shows how the Hex color 677A65 looks on a white background.

## Color Contrast Check

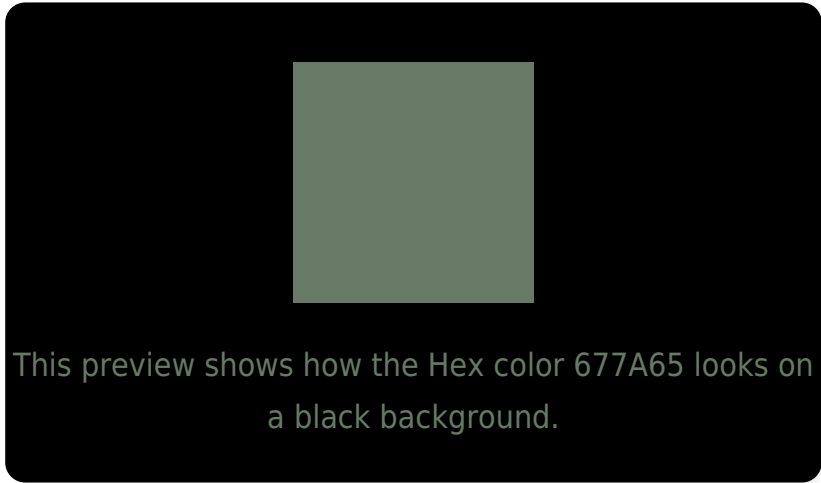
Large Text (above 18pt) WCAG AA ✓ Pass

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

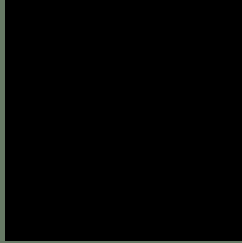
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 677A65 Background



This preview shows how black text looks on a background with the Hex color 677A65.



This preview shows how white text looks on a background with the Hex color 677A65.

# 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**  
677A65

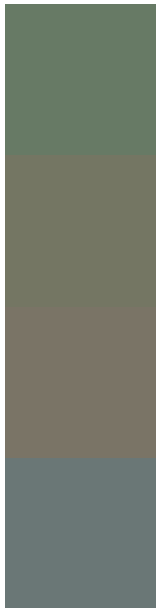
**Protanopia**  
7B7462

**Deuteranopia**  
857067



**Tritanopia**  
6B7680

# Trichromacy



**Original Color**  
677A65

**Protanomaly**  
747663

**Deuteranomaly**  
7A7466

**Tritanomaly**  
6A7776

# Monochromacy



**Original Color**  
677A65

**Achromatopsia**  
727272

**Achromatomaly**  
6E756D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 677A65 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 #677A65 looks like.

```
.text, #text, p{  
    color:#677A65  
}
```

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 #677A65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #677A65
}
```

## Border

The CSS property to change the border of an element to Hex 677A65 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
#677A65 }
```

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

```
.border{ border-color:#677A65 }
```

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

Here you see how a box with a 4 pixel #677A65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #677A65; -webkit-box-shadow:4px 4px  
4px 4px #677A65; box-shadow:4px 4px 4px  
4px #677A65 }
```

# Background

The CSS property to change the background color of an element to Hex 677A65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#677A65 }
```

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

```
.background{ background-color:#677A65 }
```

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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