

# Converting Colors

Hex(677555)

Have a look what the booklet for  
Hex(677555) contains.

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# Color

Hex(677555)

# Conversions

## Conversions Part 1

Format	Color
Hex	677555
RGB	103, 117, 85
RGB Percent	40%, 46%, 33%
CMY	0.5961, 0.5412, 0.6667
CMYK	0.12, 0.00, 0.27, 0.54
HSL	86°, 16%, 40%
HSV	86°, 27%, 46%
XYZ	13.5945, 16.2620, 11.0167
YIQ	109.1660, 1.9280, -12.9200

# Conversions

## Conversions Part 2

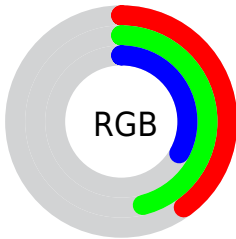
<b>Format</b>	<b>Color</b>
<b>RYB</b>	85, 117, 99
Decimal	6780245
CIELab	47.32, -11.43, 15.97
CIElCh	47, 19.641, 125.594
Yxy	16.2620, 0.3326, 0.3979
Android (android.graphics.Color)	4284970325 (0xFF677555)
YUV	109.1660, -11.9138, -5.4076
Hunter-Lab	40.3262, -10.3961, 12.0309

# Details

The Hex color **677555** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **635575**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **9AA987**, and **384528** is the 20% darker color. If you saturate the color by 10%, you get **627549**, and if you desaturate by 10%, it is **6C7561**.

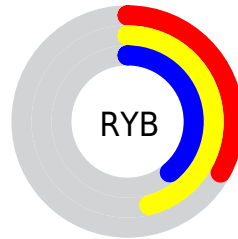
# Distribution



Red (40%)

Green (46%)

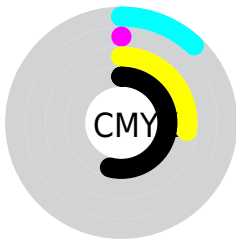
Blue (33%)



Red (33%)

Yellow (46%)

Blue (39%)

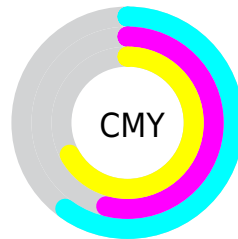


Cyan (12%)

Magenta (0%)

Yellow (27%)

Black (54%)



Cyan (60%)

Magenta (54%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 677555 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 677555 by changing the saturation by 10% instead.





677555



677555

FFFFFFF



4F5C3E



9AA987



384528



B5C4A1



222E13



D1E0BC



0B1A00



EDFDD8



000000



FFFFFF4



677555



677555



627549



6C7561



5D753E



71756C

■ 587532

■ 767578

■ 537526

■ 7B7584

■ 4D751A

■ 817590

■ 48750F

■ 86759B

■ 437503

■ 8B75A7

■ 427500

■ 9075B3

■ 9575BE

# Harmonies

## Analogous

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



79704F



677555



547862

# Triad

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



677555



4A768E



91646E

# Complementary

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



677555



635575

# 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.



88667E



677555



607191

# Square

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



677555



3F7983



776B8B



90665E

# Rectangle

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



677555



49796D



776B8B



8F6473



# Sweetspot

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



677555



94998D



756355



494D45



CCCCCC



4D4D4D



# Same Dimension

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



677555



839967



577555



383B35



457A00



8DFA00



# Inverse Universe

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



635575



7D6799



735575



37353B



36007A



6D00FA



# Previews

## White Background



This preview shows how the Hex color 677555 looks on a white background.

## Color Contrast Check

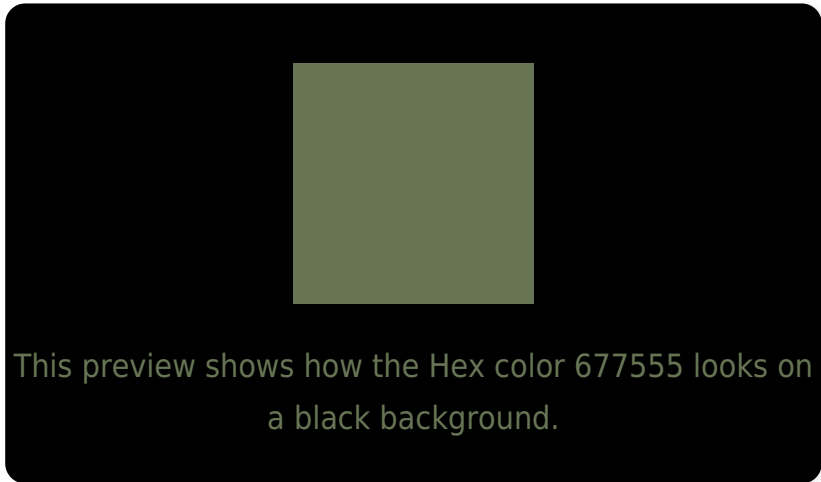
Large Text (above 18pt) WCAG AA ✓ Pass

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

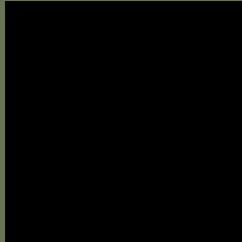
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 677555 Background



This preview shows how black text looks on a background with the Hex color 677555.



This preview shows how white text looks on a background with the Hex color 677555.

# 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**  
677555

**Protanopia**  
787053

**Deuteranopia**  
836C57



**Tritanopia**  
6C7079

# Trichromacy



**Original Color**  
677555

**Protanomaly**  
727254

**Deuteranomaly**  
796F56

**Tritanomaly**  
6A726C

# Monochromacy



**Original Color**  
677555

**Achromatopsia**  
6D6D6D

**Achromatomaly**  
6B7064

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 677555 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 #677555 looks like.

```
.text, #text, p{  
    color:#677555  
}
```

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 #677555 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #677555
}
```

## Border

The CSS property to change the border of an element to Hex 677555 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
#677555 }
```

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

```
.border{ border-color:#677555 }
```

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

Here you see how a box with a 4 pixel #677555 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #677555; -webkit-box-shadow:4px 4px  
4px 4px #677555; box-shadow:4px 4px 4px  
4px #677555 }
```

# Background

The CSS property to change the background color of an element to Hex 677555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#677555 }
```

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

```
.background{ background-color:#677555 }
```

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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