

# Converting Colors

Hex(677D6D)

Have a look what the booklet for  
Hex(677D6D) contains.

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# Color

Hex(677D6D)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	677D6D
RGB	103, 125, 109
RGB Percent	40%, 49%, 43%
CMY	0.5961, 0.5098, 0.5725
CMYK	0.18, 0.00, 0.13, 0.51
HSL	136°, 10%, 45%
HSV	136°, 18%, 49%
XYZ	15.6875, 18.6549, 17.2419
YIQ	116.5980, -7.9760, -9.6400

# Conversions

## Conversions Part 2

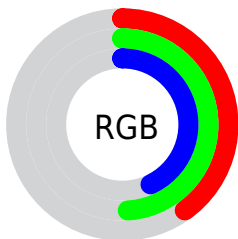
<b>Format</b>	<b>Color</b>
<b>RYB</b>	103, 120, 125
Decimal	6782317
CIELab	50.28, -11.43, 6.07
CIElCh	50, 12.941, 152.003
Yxy	18.6549, 0.3041, 0.3616
Android (android.graphics.Color)	4284972397 (0xFF677D6D)
YUV	116.5980, -3.7458, -11.9254
Hunter-Lab	43.1913, -10.7522, 6.5654

# Details

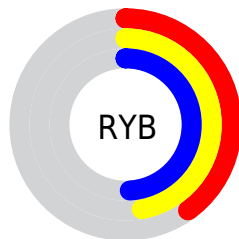
The Hex color **677D6D** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7D6777**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **9AB2A0**, and **384C3E** is the 20% darker color. If you saturate the color by 10%, you get **5A7D64**, and if you desaturate by 10%, it is **747D76**.

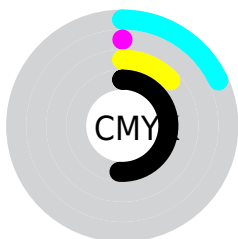
# Distribution



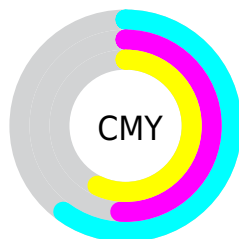
- Red (40%)
- Green (49%)
- Blue (43%)



- Red (40%)
- Yellow (47%)
- Blue (49%)



- Cyan (18%)
- Magenta (0%)
- Yellow (13%)
- Black (51%)



- Cyan (60%)
- Magenta (51%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 677D6D 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 677D6D by changing the saturation by 10% instead.



 677D6D

 677D6D

FFFFFF

 4F6455

 9AB2A0

 384C3E

 B5CDBB

 223528

 D1E9D7

 0D2013

 EDFFF4

 000200

 000000

 677D6D

 677D6D

 5A7D64

 747D76

 4E7D5B

 807D7F

 427D52

 8D7D88

 357D49

 997D91

 297D40

 A67D9A

 1C7D36

 B27DA4

 107D2D

 BF7DAD

 037D24

 CB7DB6

 007D22

 D87DBF

# Harmonies

## Analogous

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



737B65



677D6D



5E7E78

# Triad

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



677D6D



6C788D



8E716C

# Complementary

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



677D6D



7D6777

# 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.



8E7077



677D6D



7B758A

# Square

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



677D6D



607C8B



877182



897465

# Rectangle

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



677D6D



5B7E7F



877182



8F7070



# Sweetspot

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



677D6D



9BA39D



777D67



4D524E



D1D1D1



525252



# Same Dimension

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



677D6D



81A38A



677D78



39403B



008023



000000



# Inverse Universe

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



7D6777



A3819A



7D676C



40393E



80005D



000000



# Previews

## White Background



This preview shows how the Hex color 677D6D looks on a white background.

## Color Contrast Check

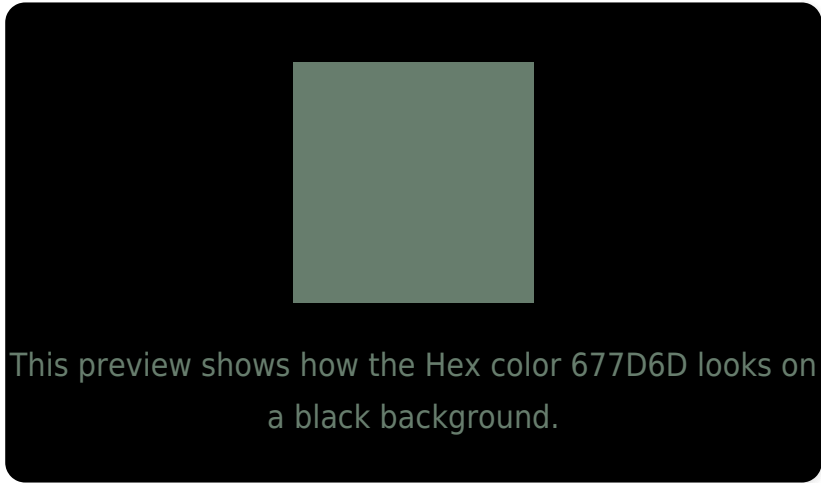
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

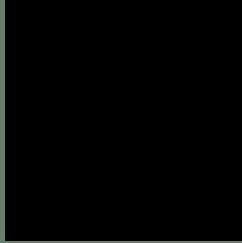
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

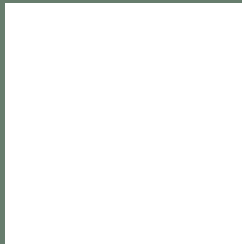
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 677D6D Background



This preview shows how black text looks on a background with the Hex color 677D6D.

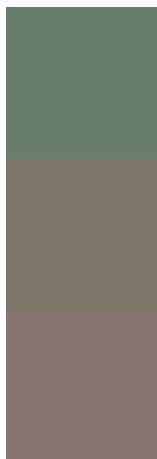


This preview shows how white text looks on a background with the Hex color 677D6D.

# 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](#).

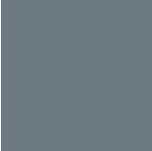
## Dichromacy



**Original Color**  
677D6D

**Protanopia**  
7D776A

**Deuteranopia**  
86736F



**Tritanopia**  
6B7A83

# Trichromacy



**Original Color**  
677D6D

**Protanomaly**  
75796B

**Deuteranomaly**  
7B776E

**Tritanomaly**  
6A7B7B

# Monochromacy



**Original Color**  
677D6D

**Achromatopsia**  
757575

**Achromatomaly**  
707872

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 677D6D 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 #677D6D looks like.

```
.text, #text, p{  
    color:#677D6D  
}
```

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 #677D6D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #677D6D
}
```

## Border

The CSS property to change the border of an element to Hex 677D6D 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
#677D6D }
```

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

```
.border{ border-color:#677D6D }
```

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

Here you see how a box with a 4 pixel #677D6D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #677D6D; -webkit-box-shadow:4px 4px  
4px 4px #677D6D; box-shadow:4px 4px 4px  
4px #677D6D }
```

# Background

The CSS property to change the background color of an element to Hex 677D6D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#677D6D }
```

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

```
.background{ background-color:#677D6D }
```

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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