

# Converting Colors

Hex(7C7675)

Have a look what the booklet for  
Hex(7C7675) contains.

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# Color

Hex(7C7675)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7C7675
RGB	124, 118, 117
RGB Percent	49%, 46%, 46%
CMY	0.5137, 0.5373, 0.5412
CMYK	0.00, 0.05, 0.06, 0.51
HSL	9°, 3%, 47%
HSV	9°, 6%, 49%
XYZ	18.0015, 18.5263, 19.4568
YIQ	119.6800, 3.8970, 0.9610

# Conversions

## Conversions Part 2

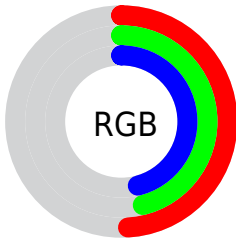
<b>Format</b>	<b>Color</b>
<b>RYB</b>	124, 118, 117
Decimal	8156789
CIELab	50.13, 2.10, 1.36
CIElCh	50, 2.507, 32.952
Yxy	18.5263, 0.3215, 0.3309
Android (android.graphics.Color)	4286346869 (0xFF7C7675)
YUV	119.6800, -1.3212, 3.7886
Hunter-Lab	43.0422, -0.6700, 3.3281

# Details

The Hex color **7C7675** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **757B7C**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **B1AAA9**, and **4B4645** is the 20% darker color. If you saturate the color by 10%, you get **7C6B69**, and if you desaturate by 10%, it is **7C8181**.

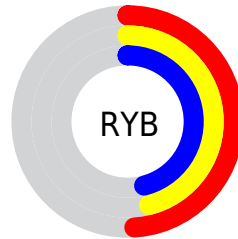
# Distribution



Red (49%)

Green (46%)

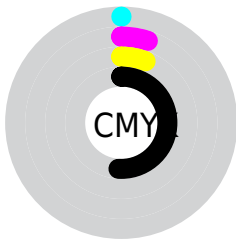
Blue (46%)



Red (49%)

Yellow (46%)

Blue (46%)

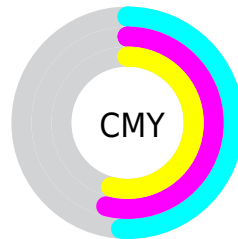


Cyan (0%)

Magenta (5%)

Yellow (6%)

Black (51%)



Cyan (51%)

Magenta (54%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7C7675 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 7C7675 by changing the saturation by 10% instead.



■ 7C7675

■ 7C7675

FFFFFF

■ 635D5C

■ B1AAA9

■ 4B4645

■ CCC5C4

■ 352F2F

■ E8E1E0

■ 1F1B1A

FFFEFD

■ 060000

■ 000000

■ 7C7675

■ 7C7675

■ 7C6B69

■ 7C8181

■ 7C615C

■ 7C8B8E

 7C5650

 7C969A

 7C4B43

 7CA1A7

 7C4137

 7CABB3

 7C362B

 7CB6BF

 7C2C1E

 7CC0CC

 7C2112

 7CCBD8

 7C1605

 7CD6E5

# Harmonies

## Analogous

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



7C7677



7C7675



7B7674

# Triad

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



7C7675



747875



75777B

# Complementary

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



7C7675



757B7C

# 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.



73787B



7C7675



737977

# Square

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



7C7675



767874



727879



78777B

# Rectangle

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



7C7675



7A7773



727879



75787B



# Sweetspot

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



7C7675



A19E9D



7C757B



525050



D1D1D1



525252



# Same Dimension

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



7C7675



A19795



7C7975



3D3938



7D1200



FC2400



# Inverse Universe

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



757B7C



959FA1



75787C



383D3D



006B7D



00D8FC



# Previews

## White Background



This preview shows how the Hex color 7C7675 looks on a white background.

## Color Contrast Check

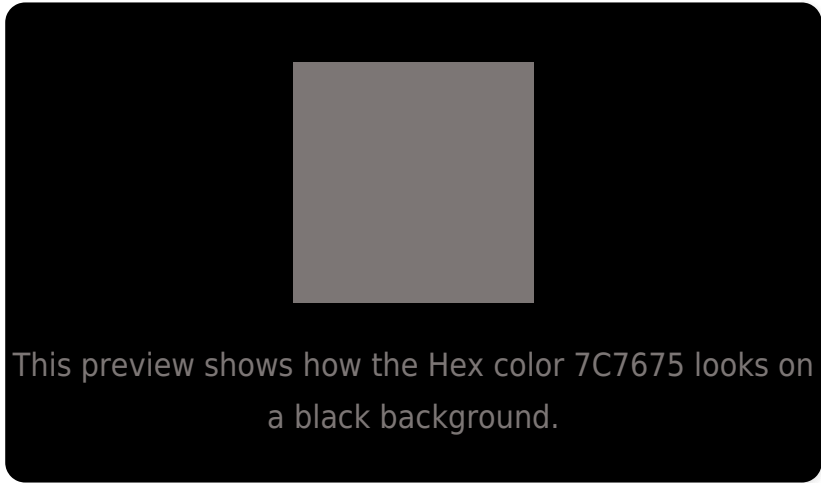
Large Text (above 18pt) WCAG AA ✓ Pass

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

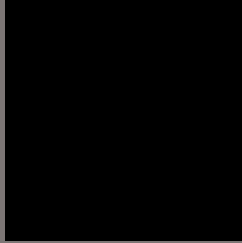
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

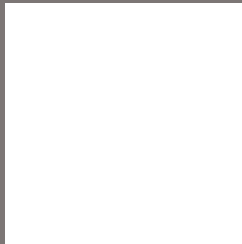
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7C7675 Background



This preview shows how black text looks on a background with the Hex color 7C7675.



This preview shows how white text looks on a background with the Hex color 7C7675.

# 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**  
7C7675

**Protanopia**  
7A7775

**Deuteranopia**  
837376



**Tritanopia**  
7D757E

# Trichromacy



**Original Color**

7C7675

**Protanomaly**

7B7775

**Deuteranomaly**

807476

**Tritanomaly**

7D757B

# Monochromacy



**Original Color**

7C7675

**Achromatopsia**

787878

**Achromatomaly**

797777

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7C7675 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 #7C7675 looks like.

```
.text, #text, p{  
    color:#7C7675  
}
```

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 #7C7675 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C7675
}
```

## Border

The CSS property to change the border of an element to Hex 7C7675 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
#7C7675 }
```

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

```
.border{ border-color:#7C7675 }
```

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

Here you see how a box with a 4 pixel #7C7675 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C7675; -webkit-box-shadow:4px 4px  
4px 4px #7C7675; box-shadow:4px 4px 4px  
4px #7C7675 }
```

# Background

The CSS property to change the background color of an element to Hex 7C7675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C7675 }
```

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

```
.background{ background-color:#7C7675 }
```

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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