

# Converting Colors

Hex(7A7168)

Have a look what the booklet for  
Hex(7A7168) contains.

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# Color

Hex(7A7168)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7A7168
RGB	122, 113, 104
RGB Percent	48%, 44%, 41%
CMY	0.5216, 0.5569, 0.5922
CMYK	0.00, 0.07, 0.15, 0.52
HSL	30°, 8%, 44%
HSV	30°, 15%, 48%
XYZ	16.4299, 16.9473, 15.5019
YIQ	114.6650, 8.2530, -0.8910

# Conversions

## Conversions Part 2

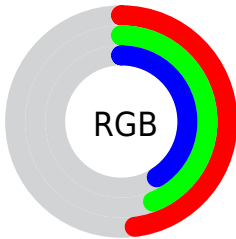
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	122, 122, 104
Decimal	8024424
CIE <sub>Lab</sub>	48.19, 1.83, 6.25
CIE <sub>LCh</sub>	48, 6.508, 73.658
Yxy	16.9473, 0.3361, 0.3467
Android (android.graphics.Color)	4286214504 (0xFF7A7168)
YUV	114.6650, -5.2578, 6.4328
Hunter-Lab	41.1671, -0.8028, 6.4907

# Details

The Hex color **7A7168** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **68717A**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **AEA59B**, and **494139** is the 20% darker color. If you saturate the color by 10%, you get **7A6B5C**, and if you desaturate by 10%, it is **7A7774**.

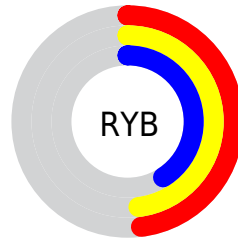
# Distribution



Red (48%)

Green (44%)

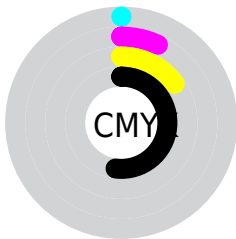
Blue (41%)



Red (48%)

Yellow (48%)

Blue (41%)

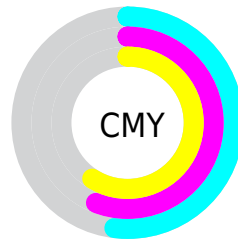


Cyan (0%)

Magenta (7%)

Yellow (15%)

Black (52%)



Cyan (52%)

Magenta (56%)

Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A7168 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 7A7168 by changing the saturation by 10% instead.





7A7168



7A7168

FFFFFF



615950



AEA59B



494139



CAC0B6



332B24



E6DCD2



1E170E



FFF8EE



000000



7A7168



7A7168



7A6B5C



7A7774



7A6550



7A7D80



7A5F43



7A838D

 7A5937

 7A8999

 7A522B

 7A90A5

 7A4C1F

 7A96B1

 7A4613

 7A9CBD

 7A4006

 7AA2CA

 7A3D00

 7AA8D6

# Harmonies

## Analogous

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



7E6F6B



7A7168



747368

# Triad

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



7A7168



657675



77707A

# Complementary

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



7A7168



68717A

# 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.



70727D



7A7168



66757A

# Square

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



7A7168



68756F



6A747D



7C6F76

# Rectangle

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



7A7168



707469



6A747D



74717C



# Sweetspot

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



7A7168



9E9B98



7A6871



4F4D4B



CFCFCF



4F4F4F



# Same Dimension

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



7A7168



9E9082



7A7A68



3D3A37



7D3E00



FC7E00



# Inverse Universe

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



68717A



82909E



68687A



373A3D



003E7D



007EFC



# Previews

## White Background



This preview shows how the Hex color 7A7168 looks on a white background.

## Color Contrast Check

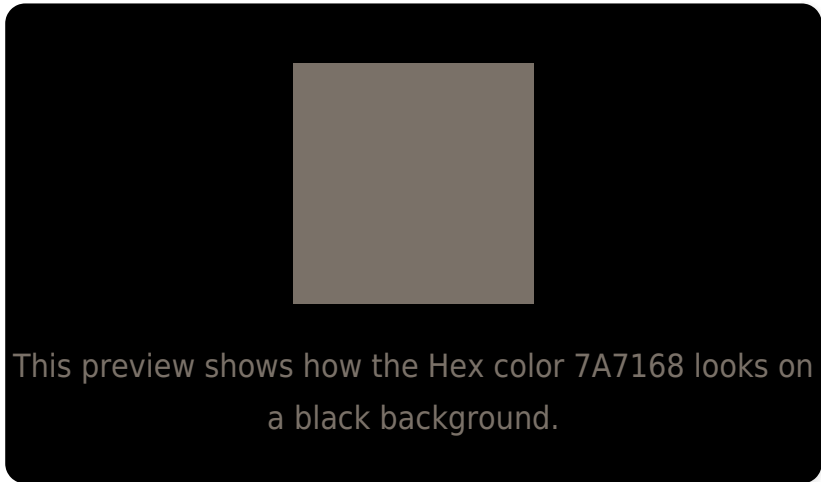
Large Text (above 18pt) WCAG AA ✓ Pass

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

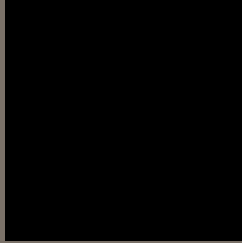
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7A7168 Background



This preview shows how black text looks on a background with the Hex color 7A7168.

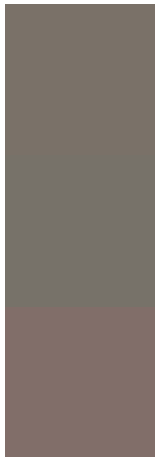


This preview shows how white text looks on a background with the Hex color 7A7168.

# 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**  
7A7168

**Protanopia**  
777269

**Deuteranopia**  
816E69



**Tritanopia**  
7C6F77

# Trichromacy



**Original Color**

7A7168

**Protanomaly**

787269

**Deuteranomaly**

7E6F69

**Tritanomaly**

7B7072

# Monochromacy



**Original Color**

7A7168

**Achromatopsia**

737373

**Achromatomaly**

76726F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A7168 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 #7A7168 looks like.

```
.text, #text, p{  
    color:#7A7168  
}
```

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 #7A7168 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A7168
}
```

## Border

The CSS property to change the border of an element to Hex 7A7168 is called "border". The border property can be set on classes, ids or directly on the HTML element.

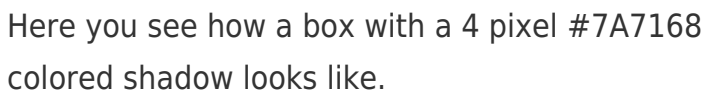
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A7168 }
```

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

```
.border{ border-color:#7A7168 }
```

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



Here you see how a box with a 4 pixel #7A7168 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A7168; -webkit-box-shadow:4px 4px  
4px 4px #7A7168; box-shadow:4px 4px 4px  
4px #7A7168 }
```

# Background

The CSS property to change the background color of an element to Hex 7A7168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A7168 }
```

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

```
.background{ background-color:#7A7168 }
```

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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