

Converting Colors

Hex(7A7672)

Have a look what the booklet for
Hex(7A7672) contains.

Hex(7A7672)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7A7672)

Conversions

Conversions Part 1

Format	Color
Hex	7A7672
RGB	122, 118, 114
RGB Percent	48%, 46%, 45%
CMY	0.5216, 0.5373, 0.5529
CMYK	0.00, 0.03, 0.07, 0.52
HSL	30°, 3%, 46%
HSV	30°, 7%, 48%
XYZ	17.5417, 18.3093, 18.5291
YIQ	118.7400, 3.6680, -0.3960

Conversions

Conversions Part 2

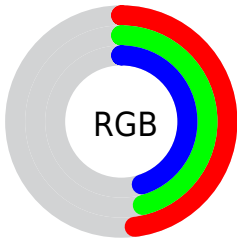
Format	Color
R_{YB}	122, 122, 114
Decimal	8025714
CIE _{Lab}	49.87, 0.76, 2.74
CIE _{LCh}	50, 2.839, 74.571
Yxy	18.3093, 0.3226, 0.3367
Android (android.graphics.Color)	4286215794 (0xFF7A7672)
YUV	118.7400, -2.3368, 2.8590
Hunter-Lab	42.7894, -1.7045, 4.2783

Details

The Hex color **7A7672** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **72767A**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **AEAAA6**, and **494642** is the 20% darker color. If you saturate the color by 10%, you get **7A7066**, and if you desaturate by 10%, it is **7A7C7E**.

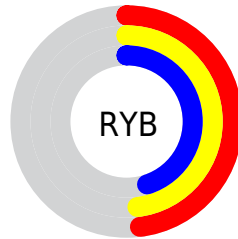
Distribution



Red (48%)

Green (46%)

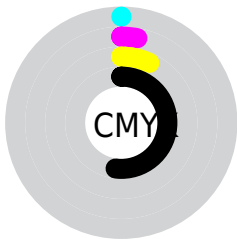
Blue (45%)



Red (48%)

Yellow (48%)

Blue (45%)

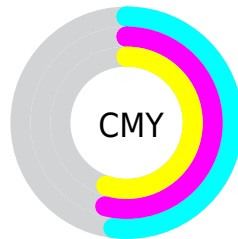


Cyan (0%)

Magenta (3%)

Yellow (7%)

Black (52%)



Cyan (52%)

Magenta (54%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A7672 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 7A7672 by changing the saturation by 10% instead.



7A7672



7A7672

FFFFFF



615D5A



AEAAA6



494642



CAC5C1



33302C



E6E1DD



1E1B18



FFFEF9



000000



7A7672



7A7672



7A7066



7A7C7E



7A6A5A



7A828A



7A644D



7A8897

 7A5E41

 7A8EA3

 7A5835

 7A95AF

 7A5129

 7A9BBB

 7A4B1D

 7AA1C7

 7A4510

 7AA7D4

 7A3F04

 7AADE0

Harmonies

Analogous

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



7C7573



7A7672



777772

Triad

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



7A7672



717878



79767A

Complementary

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



7A7672



72767A

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.



76767B



7A7672



71787A

Square

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



7A7672



727875



73777B



7B7578

Rectangle

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



7A7672



767773



73777B



78767B

Sweetspot

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



7A7672



9E9D9B



7A7276



4F4E4D



CFCFCF



4F4F4F

Same Dimension

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



7A7672



9E9891



7A7A72



3D3A37



7D3E00



FC7E00

Inverse Universe

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



72767A



91989E



72727A



373A3D



003E7D



007EFC

Previews

White Background



This preview shows how the Hex color 7A7672 looks on a white background.

Color Contrast Check

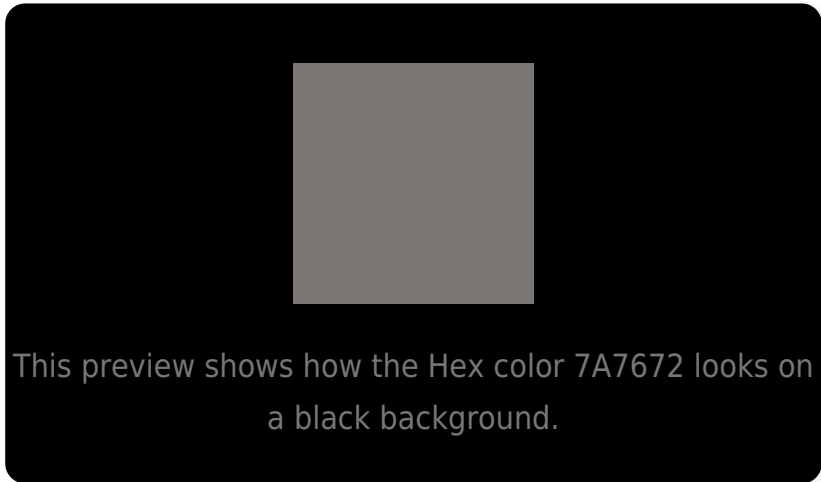
Large Text (above 18pt) WCAG AA ✓ Pass

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

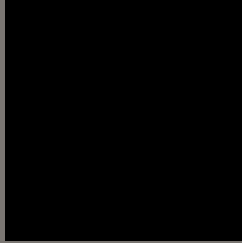
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

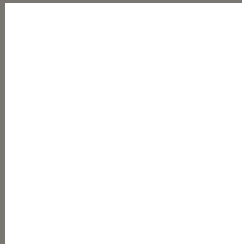
Any Text WCAG AAA × Fail

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

Hex 7A7672 Background



This preview shows how black text looks on a background with the Hex color 7A7672.



This preview shows how white text looks on a background with the Hex color 7A7672.

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
7A7672

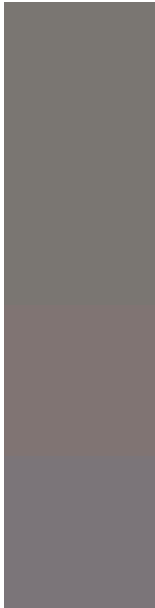
Protanopia
7A7672

Deuteranopia
837373



Tritanopia
7C747D

Trichromacy



Original Color

7A7672

Protanomaly

7A7672

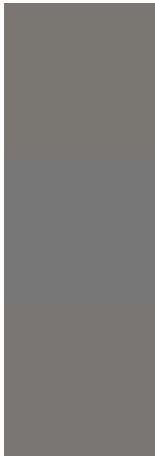
Deuteranomaly

807473

Tritanomaly

7B7579

Monochromacy



Original Color

7A7672

Achromatopsia

777777

Achromatomaly

787775

CSS Examples

Text

The CSS property to change the color of the text to Hex 7A7672 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 #7A7672 looks like.

```
.text, #text, p{  
    color:#7A7672  
}
```

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 #7A7672 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A7672
}
```

Border

The CSS property to change the border of an element to Hex 7A7672 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
#7A7672 }
```

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

```
.border{ border-color:#7A7672 }
```

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

Here you see how a box with a 4 pixel #7A7672 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A7672; -webkit-box-shadow:4px 4px  
4px 4px #7A7672; box-shadow:4px 4px 4px  
4px #7A7672 }
```

Background

The CSS property to change the background color of an element to Hex 7A7672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A7672 }
```

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

```
.background{ background-color:#7A7672 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor