

Converting Colors

Hex(7A7A7A)

Have a look what the booklet for
Hex(7A7A7A) contains.

Hex(7A7A7A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	13
<i>Color Blindness Simulation</i>	16
<i>CSS Examples</i>	19

Color

Hex(7A7A7A)

Conversions

Conversions Part 1

Format	Color
Hex	7A7A7A
RGB	122, 122, 122
RGB Percent	48%, 48%, 48%
CMY	0.5216, 0.5216, 0.5216
CMYK	0.00, 0.00, 0.00, 0.52
HSL	0°, 0%, 48%
HSV	0°, 0%, 48%
XYZ	18.4984, 19.4618, 21.1939

Conversions

Conversions Part 2

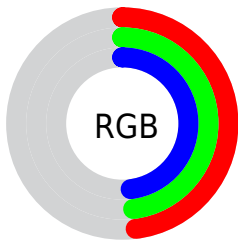
Format	Color
R_{YB}	122, 122, 122
Decimal	8026746
CIE _{Lab}	51.22, 0.00, -0.01
CIE _{LCh}	51, 0.007, 296.813
Yxy	19.4618, 0.3127, 0.3290
Android (android.graphics.Color)	4286216826 (0xFF7A7A7A)
YUV	122.0000, 0.0000, 0.0000

Details

The Hex color **7A7A7A** is a dark color, and the **websafe** version is hex **666666**. A complement of this color would be **7A7A7A**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **AEAEAE**, and **494949** is the 20% darker color. If you saturate the color by 10%, you get **7A6E6E**, and if you desaturate by 10%, it is **7A8686**.

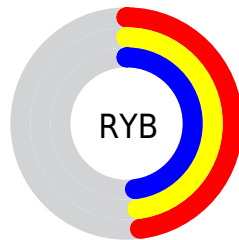
Distribution



Red (48%)

Green (48%)

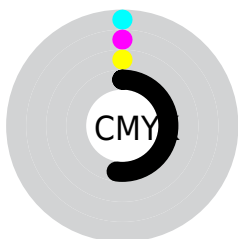
Blue (48%)



Red (48%)

Yellow (48%)

Blue (48%)

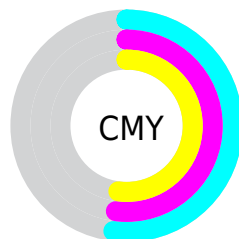


Cyan (0%)

Magenta (0%)

Yellow (0%)

Black (52%)



Cyan (52%)

Magenta (52%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A7A7A 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 7A7A7A by changing the saturation by 10% instead.

 7A7A7A

 949494

 AEA EAE

 CACACA

 E6E6E6

FFFFFF

 7A7A7A

 616161

 494949

 333333

 1E1E1E

 040404

 000000

 7A7A7A

 7A6E6E

 7A6262

 7A5555

 7A4949

 7A3D3D

 7A3131

 7A2525

 7A1818

 7A7A7A

 7A8686

 7A9292

 7A9F9F

 7AABAB

 7AB7B7

 7AC3C3

 7ACFCF

 7ADCDC

 7A0C0C

 7AE8E8

Harmonies

Sweetspot

The sweet spot groups the original color and five complimentary colors.



7A7A7A



9E9E9E



4F4F4F



CFCFCF

Previews

White Background



This preview shows how the Hex color 7A7A7A looks on a white background.

Color Contrast Check

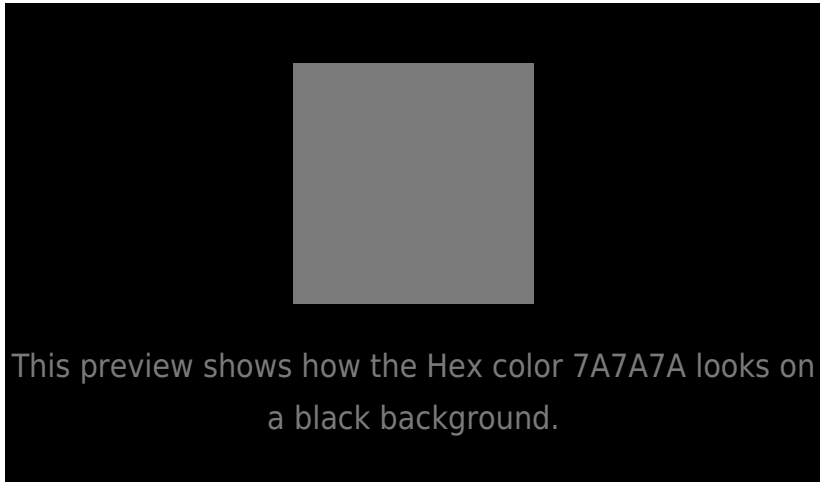
Large Text (above 18pt) WCAG AA ✓ Pass

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

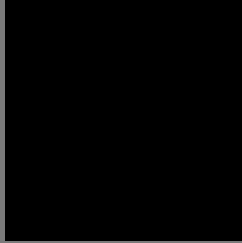
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

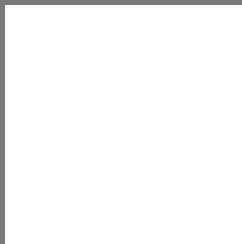
Any Text WCAG AAA × Fail

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

Hex 7A7A7A Background



This preview shows how black text looks on a background with the Hex color 7A7A7A.



This preview shows how white text looks on a background with the Hex color 7A7A7A.

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
7A7A7A

Protanopia
7C797A

Deuteranopia
85767B



Tritanopia
7B7982

Trichromacy



Original Color

7A7A7A

Protanomaly

7B797A

Deuteranomaly

81777B

Tritanomaly

7B797F

Monochromacy



Original Color

7A7A7A

Achromatopsia

7A7A7A

Achromatomaly

7A7A7A

CSS Examples

Text

The CSS property to change the color of the text to Hex 7A7A7A 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 #7A7A7A looks like.

```
.text, #text, p{  
    color:#7A7A7A  
}
```

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 #7A7A7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A7A7A
}
```

Border

The CSS property to change the border of an element to Hex 7A7A7A is called "border". The border property can be set on classes, ids or directly on the HTML element.

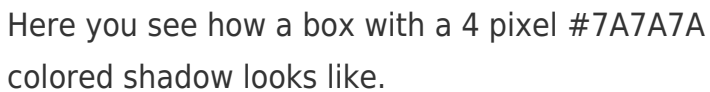
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A7A7A }
```

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

```
.border{ border-color:#7A7A7A }
```

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



Here you see how a box with a 4 pixel #7A7A7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A7A7A; -webkit-box-shadow:4px 4px  
4px 4px #7A7A7A; box-shadow:4px 4px 4px  
4px #7A7A7A }
```

Background

The CSS property to change the background color of an element to Hex 7A7A7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A7A7A }
```

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

```
.background{ background-color:#7A7A7A }
```

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? Have a look at my other booklet HOWCOLORS.WORK – A CSS color notation guide.



HOWCOLORS.WORK

A CSS color notation guide.

Are you new to web development and want to know the different ways to express colors in CSS? Then this booklet is for you!

HOWCOLORS.WORK will help you understand the syntax of the color notations in CSS.

You will learn all the current and new ways to express colors to prepare yourself for the future!

[Buy now, starting at \\$4.99!](#)

**Follow me
on Twitter!**

@ConvertingColor