

Converting Colors

Hex(7A7677)

Have a look what the booklet for
Hex(7A7677) contains.

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Color

Hex(7A7677)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 7A7677 |
| RGB | 122, 118, 119 |
| RGB Percent | 48%, 46%, 47% |
| CMY | 0.5216, 0.5373, 0.5333 |
| CMYK | 0.00, 0.03, 0.02, 0.52 |
| HSL | 345°, 2%, 47% |
| HSV | 345°, 3%, 48% |
| XYZ | 17.8342, 18.4264, 20.0694 |
| YIQ | 119.3100, 2.0630, 1.1590 |

Conversions

Conversions Part 2

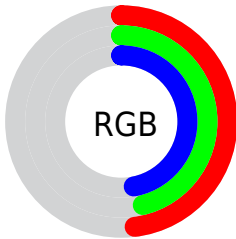
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 122, 118, 119 |
| Decimal | 8025719 |
| CIE Lab | 50.01, 1.73, -0.01 |
| CIE LCh | 50, 1.725, 359.606 |
| Yxy | 18.4264, 0.3166, 0.3271 |
| Android (android.graphics.Color) | 4286215799 (0xFF7A7677) |
| YUV | 119.3100, -0.1528, 2.3591 |
| Hunter-Lab | 42.9259, -0.9598, 2.3279 |

Details

The Hex color **7A7677** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **767A79**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **AEAAAB**, and **494647** is the 20% darker color. If you saturate the color by 10%, you get **7A6A6E**, and if you desaturate by 10%, it is **7A8280**.

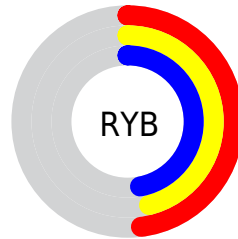
Distribution



Red (48%)

Green (46%)

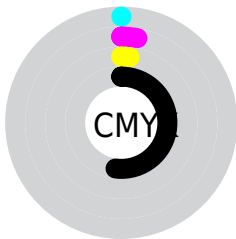
Blue (47%)



Red (48%)

Yellow (46%)

Blue (47%)

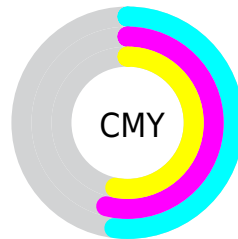


Cyan (0%)

Magenta (3%)

Yellow (2%)

Black (52%)



Cyan (52%)

Magenta (54%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A7677 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 7A7677 by changing the saturation by 10% instead.

■ 7A7677

■ 7A7677

FFFFFF

■ 615D5E

■ AEAAAB

■ 494647

■ CAC5C6

■ 332F30

■ E6E1E2

■ 1E1B1C

FFFEFF

■ 050000

■ 000000

■ 7A7677

■ 7A7677

■ 7A6A6E

■ 7A8280

■ 7A5E65

■ 7A8E89

 7A515C

 7A9B92

 7A4552

 7AA79C

 7A3949

 7AB3A5

 7A2D40

 7ABFAE

 7A2137

 7ACBB7

 7A142E

 7AD8C0

 7A0825

 7AE4C9

Harmonies

Analogous

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



797678



7A7677



7A7676

Triad

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



7A7677



777774



747879

Complementary

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



7A7677



767A79

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.



747878



7A7677



757875

Square

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



7A7677



787774



747877



76777A

Rectangle

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



7A7677



7A7675



747877



747879

Sweetspot

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



7A7677



9E9D9D



79767A



4F4E4E



CFCFCF



4F4F4F

Same Dimension

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



7A7677



9E9899



7A7776



3D3A3B



7D001F



FC003F

Inverse Universe

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



7A7677



9E9899



76797A



3D3A3B



7D001F



FC003F

Previews

White Background



This preview shows how the Hex color 7A7677 looks on a white background.

Color Contrast Check

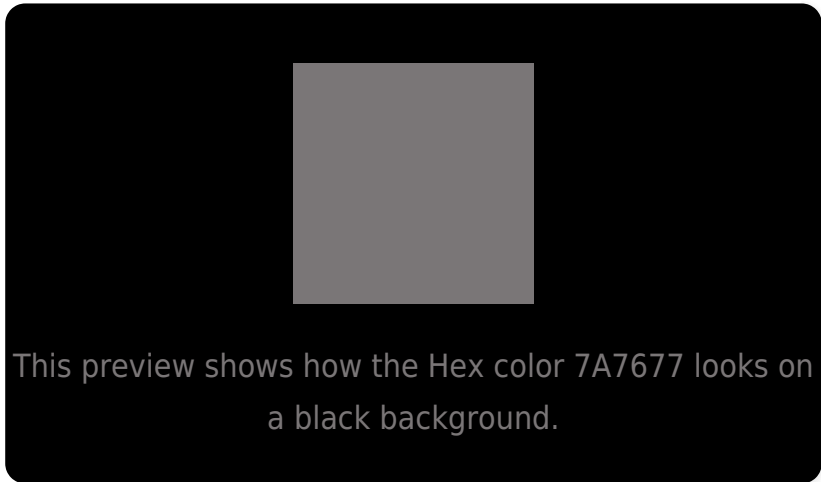
Large Text (above 18pt) WCAG AA ✓ Pass

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

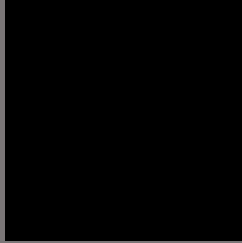
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

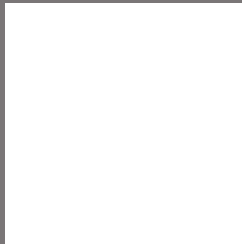
Any Text WCAG AAA × Fail

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

Hex 7A7677 Background



This preview shows how black text looks on a background with the Hex color 7A7677.



This preview shows how white text looks on a background with the Hex color 7A7677.

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
7A7677

Protanopia
797677

Deuteranopia
827378



Tritanopia
7B757E

Trichromacy



Original Color

7A7677

Protanomaly

797677

Deuteranomaly

7F7478

Tritanomaly

7B757B

Monochromacy



Original Color

7A7677

Achromatopsia

777777

Achromatomaly

787777

CSS Examples

Text

The CSS property to change the color of the text to Hex 7A7677 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 #7A7677 looks like.

```
.text, #text, p{  
    color:#7A7677  
}
```

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 #7A7677 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A7677
}
```

Border

The CSS property to change the border of an element to Hex 7A7677 is called "border". The border property can be set on classes, ids or directly on the HTML element.

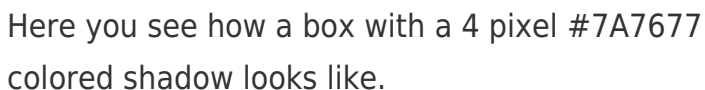
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A7677 }
```

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

```
.border{ border-color:#7A7677 }
```

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



Here you see how a box with a 4 pixel #7A7677 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A7677; -webkit-box-shadow:4px 4px  
4px 4px #7A7677; box-shadow:4px 4px 4px  
4px #7A7677 }
```

Background

The CSS property to change the background color of an element to Hex 7A7677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A7677 }
```

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

```
.background{ background-color:#7A7677 }
```

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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