

Converting Colors

Hex(7B7571)

Have a look what the booklet for
Hex(7B7571) contains.

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Color

Hex(7B7571)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 7B7571 |
| RGB | 123, 117, 113 |
| RGB Percent | 48%, 46%, 44% |
| CMY | 0.5176, 0.5412, 0.5569 |
| CMYK | 0.00, 0.05, 0.08, 0.52 |
| HSL | 24°, 4%, 46% |
| HSV | 24°, 8%, 48% |
| XYZ | 17.5103, 18.1258, 18.1985 |
| YIQ | 118.3380, 4.8600, 0.0280 |

Conversions

Conversions Part 2

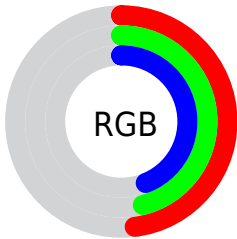
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 123, 120, 113 |
| Decimal | 8090993 |
| CIE _{Lab} | 49.65, 1.54, 3.02 |
| CIE _{LCh} | 50, 3.388, 63.015 |
| Yxy | 18.1258, 0.3253, 0.3367 |
| Android (android.graphics.Color) | 4286281073 (0xFF7B7571) |
| YUV | 118.3380, -2.6316, 4.0886 |
| Hunter-Lab | 42.5744, -1.0904, 4.4584 |

Details

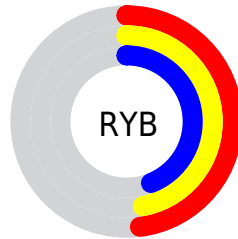
The Hex color **7B7571** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **71777B**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **AFA9A5**, and **4A4541** is the 20% darker color. If you saturate the color by 10%, you get **7B6E65**, and if you desaturate by 10%, it is **7B7C7D**.

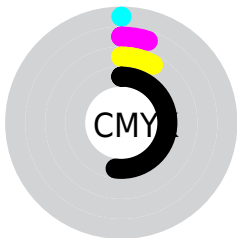
Distribution



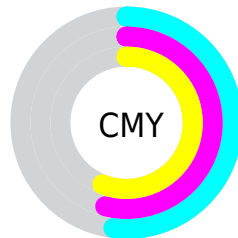
- Red (48%)
- Green (46%)
- Blue (44%)



- Red (48%)
- Yellow (47%)
- Blue (44%)



- Cyan (0%)
- Magenta (5%)
- Yellow (8%)
- Black (52%)



- Cyan (52%)
- Magenta (54%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B7571 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 7B7571 by changing the saturation by 10% instead.



7B7571



7B7571

FFFFFF



625C59



AFA9A5



4A4541



CBC4C0



342F2B



E7E0DC



1E1A17



FFFDF8



000000



7B7571



7B7571



7B6E65



7B7C7D



7B6658



7B848A



7B5F4C



7B8B96

 7B5740

 7B93A2

 7B5033

 7B9AAE

 7B4927

 7BA1BB

 7B411B

 7BA9C7

 7B3A0F

 7BB0D3

 7B3302

 7BB7E0

Harmonies

Analogous

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



7C7473



7B7571



787670

Triad

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



7B7571



707876



77757B

Complementary

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



7B7571



71777B

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.



74767C



7B7571



6F7879

Square

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



7B7571



727873



71777B



7A7479

Rectangle

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



7B7571



767771



71777B



76767B

Sweetspot

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



7B7571



A19F9D



7B7177



525150



D1D1D1



525252

Same Dimension

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



7B7571



A19791



7B7A71



3D3A37



7D3200



FC6500

Inverse Universe

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



71777B



919AA1



71727B



373B3D



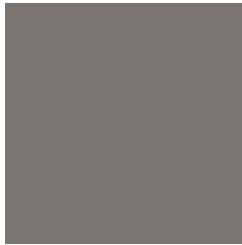
004B7D



0097FC

Previews

White Background



This preview shows how the Hex color 7B7571 looks on a white background.

Color Contrast Check

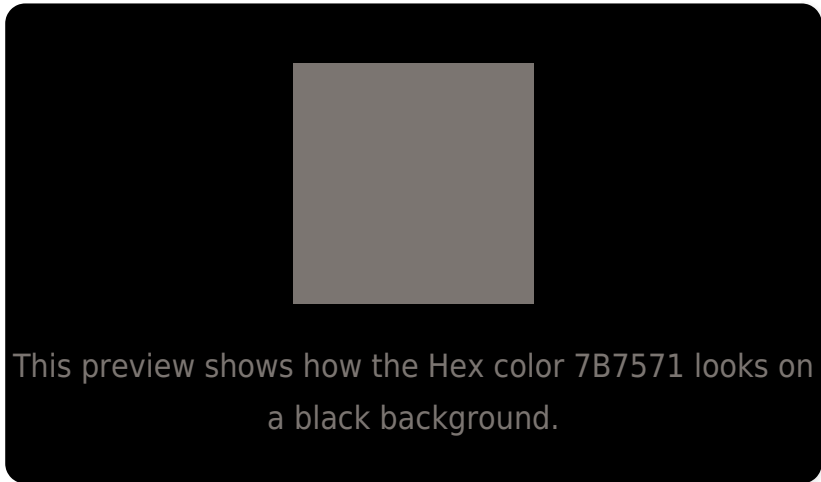
Large Text (above 18pt) WCAG AA ✓ Pass

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

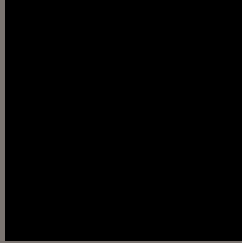
Any Text WCAG AA ✓ Pass

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 7B7571 Background



This preview shows how black text looks on a background with the Hex color 7B7571.

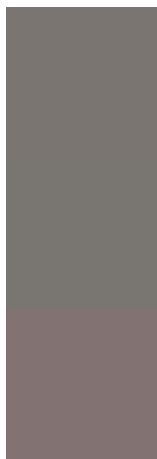


This preview shows how white text looks on a background with the Hex color 7B7571.

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

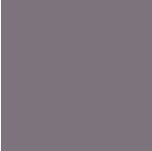
7B7571

Protanopia

797671

Deuteranopia

837272



Tritanopia
7D737C

Trichromacy



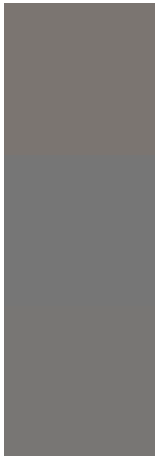
Original Color
7B7571

Protanomaly
7A7671

Deuteranomaly
807372

Tritanomaly
7C7478

Monochromacy



Original Color
7B7571

Achromatopsia
767676

Achromatomaly
787674

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B7571 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 #7B7571 looks like.

```
.text, #text, p{  
    color:#7B7571  
}
```

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 #7B7571 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B7571
}
```

Border

The CSS property to change the border of an element to Hex 7B7571 is called "border". The border property can be set on classes, ids or directly on the HTML element.

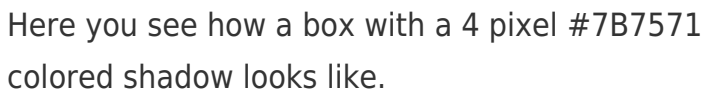
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B7571 }
```

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

```
.border{ border-color:#7B7571 }
```

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



Here you see how a box with a 4 pixel #7B7571 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B7571; -webkit-box-shadow:4px 4px  
4px 4px #7B7571; box-shadow:4px 4px 4px  
4px #7B7571 }
```

Background

The CSS property to change the background color of an element to Hex 7B7571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B7571 }
```

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

```
.background{ background-color:#7B7571 }
```

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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