

Converting Colors

Hex(7B7677)

Have a look what the booklet for
Hex(7B7677) contains.

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Color

Hex(7B7677)

Conversions

Conversions Part 1

Format	Color
Hex	7B7677
RGB	123, 118, 119
RGB Percent	48%, 46%, 47%
CMY	0.5176, 0.5373, 0.5333
CMYK	0.00, 0.04, 0.03, 0.52
HSL	348°, 2%, 47%
HSV	348°, 4%, 48%
XYZ	17.9766, 18.4997, 20.0761
YIQ	119.6090, 2.6590, 1.3710

Conversions

Conversions Part 2

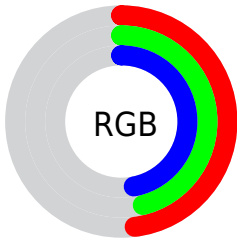
Format	Color
R_YB	123, 118, 119
Decimal	8091255
CIE Lab	50.10, 2.11, 0.13
CIE LCh	50, 2.112, 3.432
Yxy	18.4997, 0.3179, 0.3271
Android (android.graphics.Color)	4286281335 (0xFF7B7677)
YUV	119.6090, -0.3002, 2.9739
Hunter-Lab	43.0113, -0.6657, 2.4335

Details

The Hex color **7B7677** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **767B7A**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **AFAAAB**, and **4A4647** is the 20% darker color. If you saturate the color by 10%, you get **7B6A6D**, and if you desaturate by 10%, it is **7B8281**.

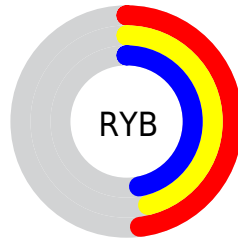
Distribution



Red (48%)

Green (46%)

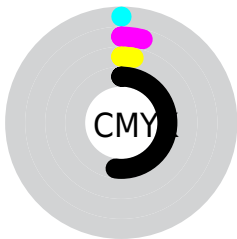
Blue (47%)



Red (48%)

Yellow (46%)

Blue (47%)

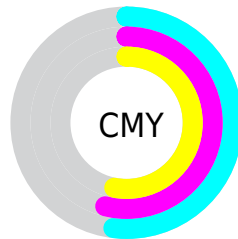


Cyan (0%)

Magenta (4%)

Yellow (3%)

Black (52%)



Cyan (52%)

Magenta (54%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B7677 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 7B7677 by changing the saturation by 10% instead.

■ 7B7677

■ 7B7677

FFFFFF

■ 625D5E

■ AFAAAB

■ 4A4647

■ CBC5C6

■ 342F30

■ E7E1E2

■ 1F1B1C

FFFEFF

■ 060000

■ 000000

■ 7B7677

■ 7B7677

■ 7B6A6D

■ 7B8281

■ 7B5D63

■ 7B8F8B

 7B5159

 7B9B95

 7B4550

 7BA79E

 7B3946

 7BB4A8

 7B2C3C

 7BC0B2

 7B2032

 7BCCBC

 7B1428

 7BD8C6

 7B071E

 7BE5D0

Harmonies

Analogous

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



7A7679



7B7677



7B7675

Triad

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



7B7677



767874



74787A

Complementary

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



7B7677



767B7A

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.



737879



7B7677



747876

Square

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



7B7677



797774



737877



76777B

Rectangle

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



7B7677



7B7674



737877



73787A

Sweetspot

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



7B7677



A19F9F



7A767B



525151



D1D1D1



525252

Same Dimension

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



7B7677



A1999A



7B7876



3D3A3A



7D0019



FC0032

Inverse Universe

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



7B7677



A1999A



767A7B



3D3A3A



7D0019



FC0032

Previews

White Background



This preview shows how the Hex color 7B7677 looks on a white background.

Color Contrast Check

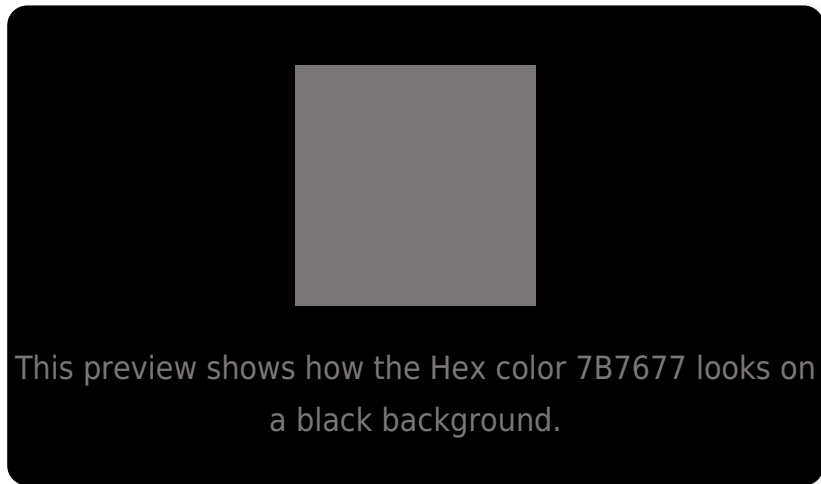
Large Text (above 18pt) WCAG AA ✓ Pass

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

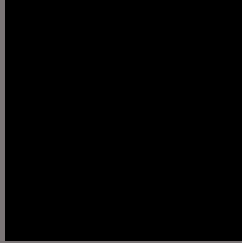
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

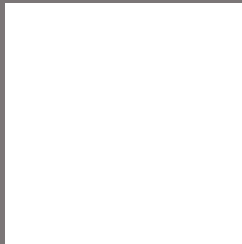
Any Text WCAG AAA × Fail

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

Hex 7B7677 Background



This preview shows how black text looks on a background with the Hex color 7B7677.



This preview shows how white text looks on a background with the Hex color 7B7677.

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
7B7677

Protanopia
797777

Deuteranopia
827378



Tritanopia
7C757E

Trichromacy



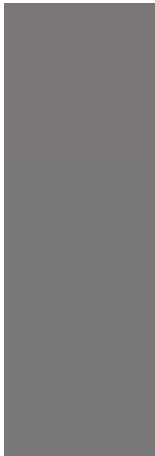
Original Color
7B7677

Protanomaly
7A7777

Deuteranomaly
7F7478

Tritanomaly
7C757B

Monochromacy



Original Color
7B7677

Achromatopsia
787878

Achromatomaly
797778

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B7677 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 #7B7677 looks like.

```
.text, #text, p{  
    color:#7B7677  
}
```

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 #7B7677 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B7677
}
```

Border

The CSS property to change the border of an element to Hex 7B7677 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
#7B7677 }
```

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

```
.border{ border-color:#7B7677 }
```

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

Here you see how a box with a 4 pixel #7B7677 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B7677; -webkit-box-shadow:4px 4px  
4px 4px #7B7677; box-shadow:4px 4px 4px  
4px #7B7677 }
```

Background

The CSS property to change the background color of an element to Hex 7B7677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B7677 }
```

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

```
.background{ background-color:#7B7677 }
```

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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