

Converting Colors

Hex(7B7878)

Have a look what the booklet for
Hex(7B7878) contains.

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Color

Hex(7B7878)

Conversions

Conversions Part 1

Format	Color
Hex	7B7878
RGB	123, 120, 120
RGB Percent	48%, 47%, 47%
CMY	0.5176, 0.5294, 0.5294
CMYK	0.00, 0.02, 0.02, 0.52
HSL	0°, 1%, 48%
HSV	0°, 2%, 48%
XYZ	18.2750, 19.0000, 20.4735
YIQ	120.8970, 1.7880, 0.6360

Conversions

Conversions Part 2

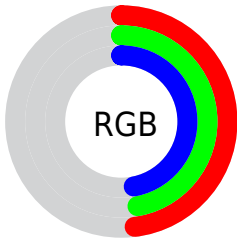
Format	Color
R_{YB}	123, 120, 120
Decimal	8091768
CIE Lab	50.69, 1.14, 0.40
CIE LCh	51, 1.210, 19.227
Yxy	19.0000, 0.3165, 0.3290
Android (android.graphics.Color)	4286281848 (0xFF7B7878)
YUV	120.8970, -0.4422, 1.8443
Hunter-Lab	43.5889, -1.4431, 2.6641

Details

The Hex color **7B7878** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **787B7B**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **AFACAC**, and **4A4848** is the 20% darker color. If you saturate the color by 10%, you get **7B6C6C**, and if you desaturate by 10%, it is **7B8484**.

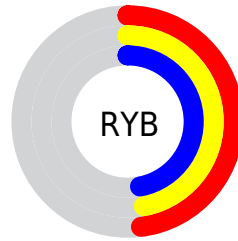
Distribution



Red (48%)

Green (47%)

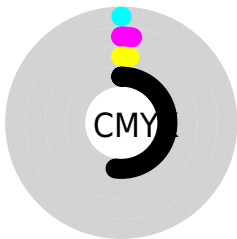
Blue (47%)



Red (48%)

Yellow (47%)

Blue (47%)



Cyan (0%)

Magenta (2%)

Yellow (2%)

Black (52%)



Cyan (52%)

Magenta (53%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B7878 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 7B7878 by changing the saturation by 10% instead.



7B7878



7B7878

FFFFFF



625F5F



AFACAC



4A4848



CBC8C8



343131



E7E4E4



1F1C1C



060202



000000



7B7878



7B7878



7B6C6C



7B8484



7B5F5F



7B9191

 7B5353

 7B9D9D

 7B4747

 7BA9A9

 7B3B3B

 7BB6B6

 7B2E2E

 7BC2C2

 7B2222

 7BCECE

 7B1616

 7BDADA

 7B0909

 7BE7E7

Harmonies

Analogous

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



7B7879



7B7878



7B7877

Triad

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



7B7878



787977



77797B

Complementary

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



7B7878



787B7B

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.



76797A



7B7878



777978

Square

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



7B7878



797977



767979



78797B

Rectangle

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



7B7878



7A7877



767979



77797B

Sweetspot

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



7B7878



A19F9F



7B787B



525151



D1D1D1



525252

Same Dimension

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



7B7878



A19C9C



7B7A78



3D3B3B



7D0000



FC0000

Inverse Universe

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



787B7B



9CA1A1



787A7B



3B3D3D



007D7D



00FCFC

Previews

White Background



This preview shows how the Hex color 7B7878 looks on a white background.

Color Contrast Check

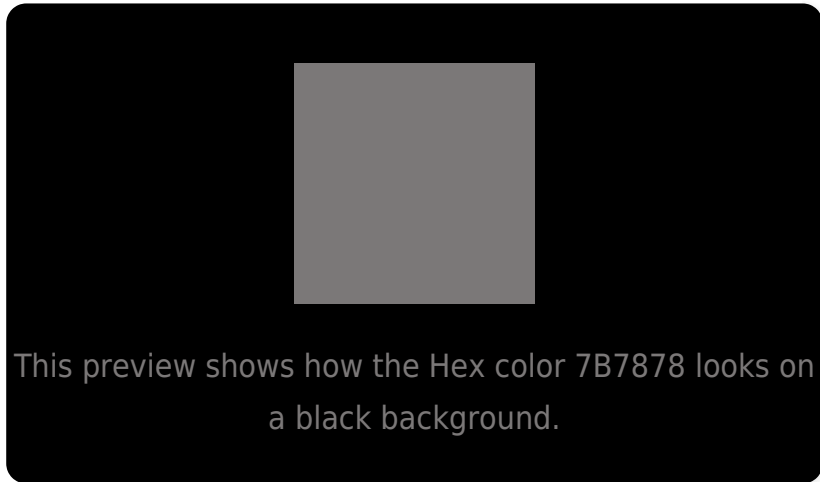
Large Text (above 18pt) WCAG AA ✓ Pass

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

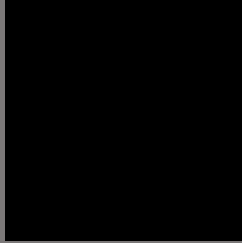
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

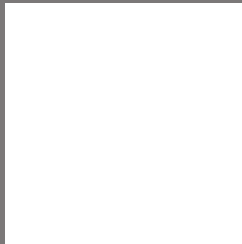
Any Text WCAG AAA × Fail

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

Hex 7B7878 Background



This preview shows how black text looks on a background with the Hex color 7B7878.



This preview shows how white text looks on a background with the Hex color 7B7878.

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
7B7878

Protanopia
7B7878

Deuteranopia
847579



Tritanopia
7C7780

Trichromacy



Original Color

7B7878

Protanomaly

7B7878

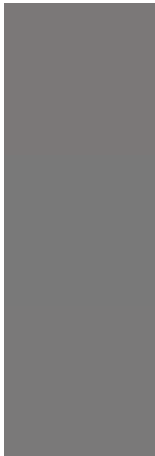
Deuteranomaly

817679

Tritanomaly

7C777D

Monochromacy



Original Color

7B7878

Achromatopsia

797979

Achromatomaly

7A7979

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B7878 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 #7B7878 looks like.

```
.text, #text, p{  
    color:#7B7878  
}
```

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 #7B7878 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B7878  
}
```

Border

The CSS property to change the border of an element to Hex 7B7878 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  
#7B7878 }
```

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

```
.border{ border-color:#7B7878 }
```

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

Here you see how a box with a 4 pixel #7B7878 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B7878; -webkit-box-shadow:4px 4px  
4px 4px #7B7878; box-shadow:4px 4px 4px  
4px #7B7878 }
```

Background

The CSS property to change the background color of an element to Hex 7B7878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B7878 }
```

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

```
.background{ background-color:#7B7878 }
```

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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