

Converting Colors

Hex(7B937C)

Have a look what the booklet for
Hex(7B937C) contains.

Hex(7B937C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7B937C)

Conversions

Conversions Part 1

Format	Color
Hex	7B937C
RGB	123, 147, 124
RGB Percent	48%, 58%, 49%
CMY	0.5176, 0.4235, 0.5137
CMYK	0.16, 0.00, 0.16, 0.42
HSL	122°, 10%, 53%
HSV	122°, 16%, 58%
XYZ	22.2402, 26.5336, 23.0181
YIQ	137.2020, -6.9210, -12.2410

Conversions

Conversions Part 2

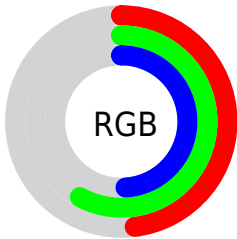
Format	Color
R_YB	123, 146, 147
Decimal	8098684
CIE _{Lab}	58.54, -13.19, 9.38
CIE _{LCh}	59, 16.179, 144.587
Yxy	26.5336, 0.3098, 0.3696
Android (android.graphics.Color)	4286288764 (0xFF7B937C)
YUV	137.2020, -6.5086, -12.4552
Hunter-Lab	51.5108, -13.0751, 9.5632

Details

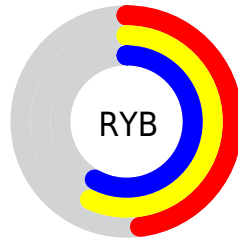
The Hex color **7B937C** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **937B92**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **B0C9B1**, and **4A604B** is the 20% darker color. If you saturate the color by 10%, you get **6C936E**, and if you desaturate by 10%, it is **8A938A**.

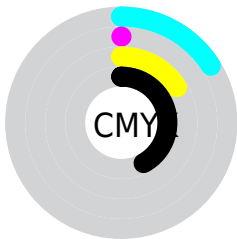
Distribution



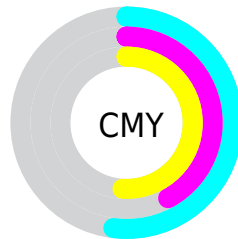
- Red (48%)
- Green (58%)
- Blue (49%)



- Red (48%)
- Yellow (57%)
- Blue (58%)



- Cyan (16%)
- Magenta (0%)
- Yellow (16%)
- Black (42%)



- Cyan (52%)
- Magenta (42%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B937C 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 7B937C by changing the saturation by 10% instead.



7B937C



7B937C

FFFFFF



627963



B0C9B1



4A604B



CBE5CC



334934



E7FFE8



1D321F



071D08



000000



7B937C



7B937C



6C936E



8A938A



5E9360



989398

 4F9352

 A793A6

 409344

 B693B4

 329336

 C493C2

 239327

 D393D1

 149319

 E293DF

 05930B

 F193ED

 009306

 FF93FB

Harmonies

Analogous

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



8B8F73



7B937C



6D958A

Triad

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



7B937C



798FA9



AA8382

Complementary

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



7B937C



937B92

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.



A88390



7B937C



8C8AA6

Square

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



7B937C



6B93A3



9D869D



A68676

Rectangle

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



7B937C



689593



9D869D



AA8386

Sweetspot

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



7B937C



B6BFB6



92937B



5B615B



E0E0E0



616161

Same Dimension

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



7B937C



99BF9B



7B9388



434A43



008A06



000A00

Inverse Universe

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



937B92



BF99BE



937B86



4A434A



8A0084



0A000A

Previews

White Background



This preview shows how the Hex color 7B937C looks on a white background.

Color Contrast Check

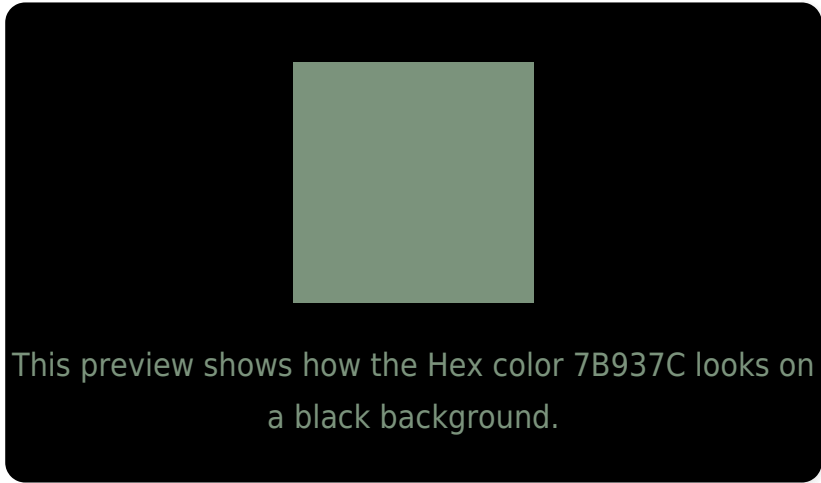
Large Text (above 18pt) WCAG AA ✓ Pass

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

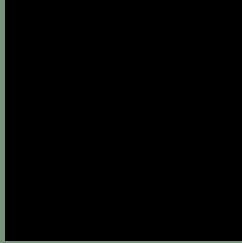
Any Text WCAG AA ✓ Pass

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 7B937C Background



This preview shows how black text looks on a background with the Hex color 7B937C.



This preview shows how white text looks on a background with the Hex color 7B937C.

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





Tritanopia
808F9A

Trichromacy



Original Color
7B937C

Protanomaly
8B8F7A

Deuteranomaly
928B7D

Tritanomaly
7E908F

Monochromacy



Original Color
7B937C

Achromatopsia
898989

Achromatomaly
848D84

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B937C 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 #7B937C looks like.

```
.text, #text, p{  
    color:#7B937C  
}
```

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 #7B937C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B937C
}
```

Border

The CSS property to change the border of an element to Hex 7B937C 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
#7B937C }
```

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

```
.border{ border-color:#7B937C }
```

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

Here you see how a box with a 4 pixel #7B937C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B937C; -webkit-box-shadow:4px 4px  
4px 4px #7B937C; box-shadow:4px 4px 4px  
4px #7B937C }
```

Background

The CSS property to change the background color of an element to Hex 7B937C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B937C }
```

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

```
.background{ background-color:#7B937C }
```

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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