

Converting Colors

Hex(7C8951)

Have a look what the booklet for
Hex(7C8951) contains.

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Color

Hex(7C8951)

Conversions

Conversions Part 1

Format	Color
Hex	7C8951
RGB	124, 137, 81
RGB Percent	49%, 54%, 32%
CMY	0.5137, 0.4627, 0.6824
CMYK	0.09, 0.00, 0.41, 0.46
HSL	74°, 26%, 43%
HSV	74°, 41%, 54%
XYZ	18.7430, 22.7705, 11.1919
YIQ	126.7290, 10.2280, -20.1720

Conversions

Conversions Part 2

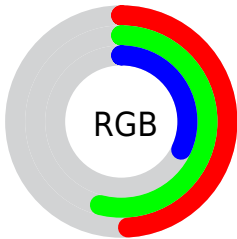
Format	Color
RYB	81, 137, 94
Decimal	8161617
CIELab	54.84, -14.29, 28.44
CIELCh	55, 31.833, 116.682
Yxy	22.7705, 0.3556, 0.4320
Android (android.graphics.Color)	4286351697 (0xFF7C8951)
YUV	126.7290, -22.5444, -2.3933
Hunter-Lab	47.7184, -13.3953, 19.4971

Details

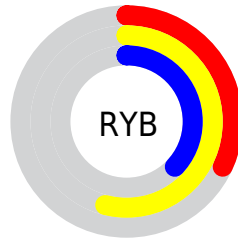
The Hex color **7C8951** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **5E5189**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **B1BE83**, and **4A5722** is the 20% darker color. If you saturate the color by 10%, you get **798943**, and if you desaturate by 10%, it is **7F895F**.

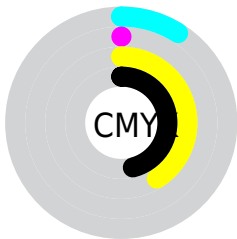
Distribution



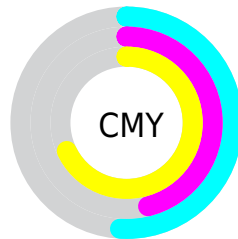
- Red (49%)
- Green (54%)
- Blue (32%)



- Red (32%)
- Yellow (54%)
- Blue (37%)



- Cyan (9%)
- Magenta (0%)
- Yellow (41%)
- Black (46%)



- Cyan (51%)
- Magenta (46%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7C8951 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 7C8951 by changing the saturation by 10% instead.

 7C8951

 7C8951

FFFFFF

 637039

 B1BE83

 4A5722

 CDDA9E

 32400C

 EAF7B9

 1D2A00

 FFFFD5

 001700

 FFFFF1

 000000

 7C8951

 7C8951

 798943

 7F895F

 768936

 82896C

■ 728928

■ 86897A

■ 6F891A

■ 898988

■ 6C890D

■ 8C8996

■ 698900

■ 8F89A3

■ 9289B1

■ 9589BF

■ 9989CC

Harmonies

Analogous

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



98814C



7C8951



5B8F64

Triad

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



7C8951



208EB1



B56E87

Complementary

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



7C8951



5E5189

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.



A374A2



7C8951



5587BA

Square

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



7C8951



02919B



827DB4



B86F6C

Rectangle

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



7C8951



439176



827DB4



B16F91

Sweetspot

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



7C8951



AEB39D



895D51



56594D



D9D9D9



595959

Same Dimension

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



7C8951



9EB35B



618951



43453E



668500



040500

Inverse Universe

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



5E5189



6F5BB3



795189



403E45



1F0085



010005

Previews

White Background



This preview shows how the Hex color 7C8951 looks on a white background.

Color Contrast Check

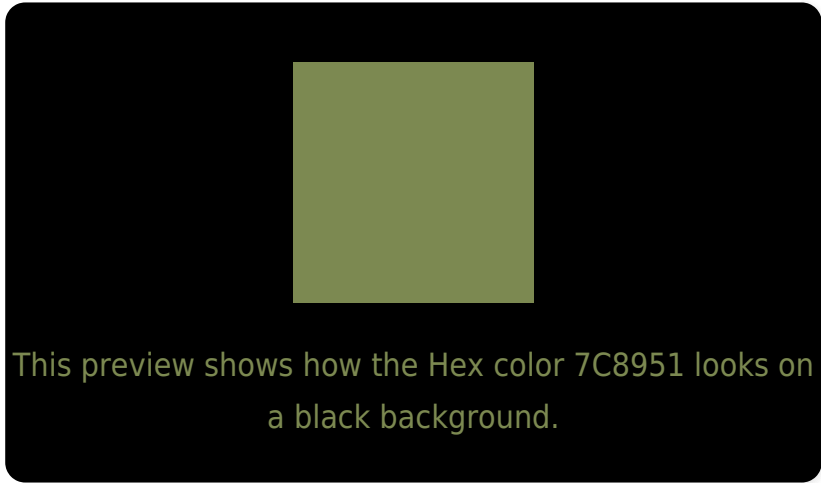
Large Text (above 18pt) WCAG AA ✓ Pass

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

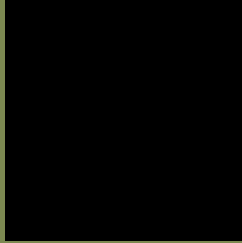
Any Text WCAG AA ✓ Pass

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 7C8951 Background



This preview shows how black text looks on a background with the Hex color 7C8951.



This preview shows how white text looks on a background with the Hex color 7C8951.

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
7C8951

Protanopia
8F834F

Deuteranopia
9E7D54



Tritanopia
83828C

Trichromacy



Original Color
7C8951

Protanomaly
888550

Deuteranomaly
928153

Tritanomaly
808577

Monochromacy



Original Color
7C8951

Achromatopsia
7F7F7F

Achromatomaly
7E836E

CSS Examples

Text

The CSS property to change the color of the text to Hex 7C8951 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 #7C8951 looks like.

```
.text, #text, p{  
    color:#7C8951  
}
```

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 #7C8951 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C8951
}
```

Border

The CSS property to change the border of an element to Hex 7C8951 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
#7C8951 }
```

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

```
.border{ border-color:#7C8951 }
```

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

Here you see how a box with a 4 pixel #7C8951 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C8951; -webkit-box-shadow:4px 4px  
4px 4px #7C8951; box-shadow:4px 4px 4px  
4px #7C8951 }
```

Background

The CSS property to change the background color of an element to Hex 7C8951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C8951 }
```

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

```
.background{ background-color:#7C8951 }
```

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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