

Converting Colors

Hex(7E8947)

Have a look what the booklet for
Hex(7E8947) contains.

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Color

Hex(7E8947)

Conversions

Conversions Part 1

Format	Color
Hex	7E8947
RGB	126, 137, 71
RGB Percent	49%, 54%, 28%
CMY	0.5059, 0.4627, 0.7216
CMYK	0.08, 0.00, 0.48, 0.46
HSL	70°, 32%, 41%
HSV	70°, 48%, 54%
XYZ	18.6872, 22.7819, 9.3737
YIQ	126.1870, 14.6300, -22.8580

Conversions

Conversions Part 2

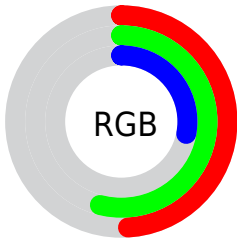
Format	Color
R_{YB}	71, 137, 82
Decimal	8292679
CIE _{Lab}	54.85, -14.63, 33.84
CIE _{LCh}	55, 36.868, 113.387
Yxy	22.7819, 0.3675, 0.4481
Android (android.graphics.Color)	4286482759 (0xFF7E8947)
YUV	126.1870, -27.2072, -0.1640
Hunter-Lab	47.7304, -13.6426, 21.7674

Details

The Hex color **7E8947** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **524789**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **B4BE79**, and **4B5718** is the 20% darker color. If you saturate the color by 10%, you get **7C8939**, and if you desaturate by 10%, it is **808955**.

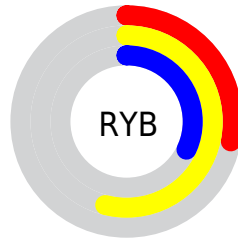
Distribution



Red (49%)

Green (54%)

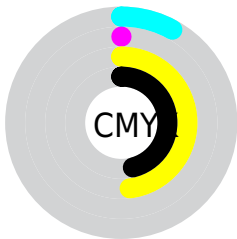
Blue (28%)



Red (28%)

Yellow (54%)

Blue (32%)

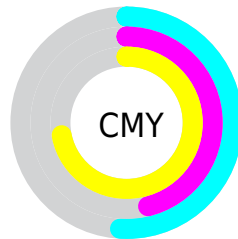


Cyan (8%)

Magenta (0%)

Yellow (48%)

Black (46%)



Cyan (51%)

Magenta (46%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7E8947 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 7E8947 by changing the saturation by 10% instead.

 7E8947

 7E8947

FFFFFF

 64702F

 B4BE79

 4B5718

 D0DA93

 334000

 ECF7AE

 1C2A00

 FFFFCA

 001700

 FFFF E6

 000000

 7E8947

 7E8947

 7C8939

 808955

 79892C

 838962

■ 77891E

■ 858970

■ 758910

■ 87897E

■ 738903

■ 89898C

■ 728900

■ 8C8999

■ 8E89A7

■ 9089B5

■ 9389C2

Harmonies

Analogous

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



9D7F43



7E8947



58905C

Triad

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



7E8947



0090B6



BB6A8C

Complementary

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



7E8947



524789

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.



A472AA



7E8947



4089C2

Square

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



7E8947



00949C



7B7EBE



C06B6C

Rectangle

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



7E8947



399370



7B7EBE



B66C96

Sweetspot

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



7E8947



AEB39A



895247



57594A



D9D9D9



595959

Same Dimension

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



7E8947



A1B34B



5E8947



44453E



6F8500



040500

Inverse Universe

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



524789



5C4BB3



734789



3F3E45



160085



010005

Previews

White Background



This preview shows how the Hex color 7E8947 looks on a white background.

Color Contrast Check

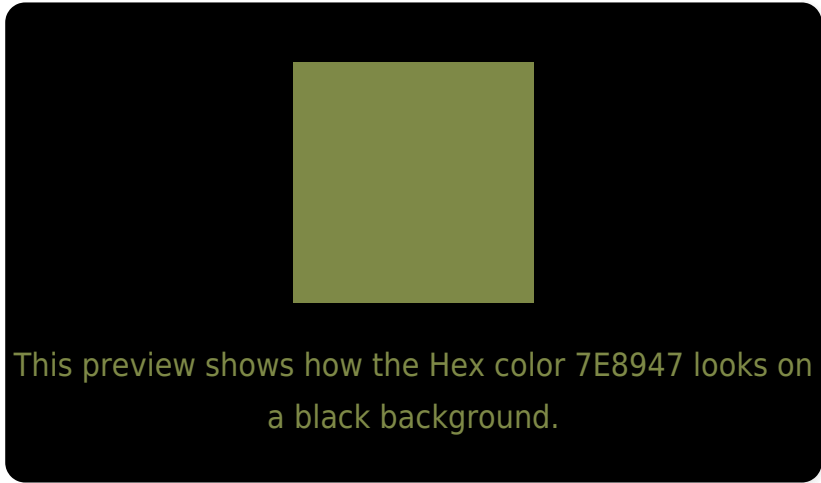
Large Text (above 18pt) WCAG AA ✓ Pass

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 7E8947 Background



This preview shows how black text looks on a background with the Hex color 7E8947.



This preview shows how white text looks on a background with the Hex color 7E8947.

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
7E8947

Protanopia
918345

Deuteranopia
A07D4A



Tritanopia
86818C

Trichromacy



Original Color
7E8947

Protanomaly
8A8546

Deuteranomaly
948149

Tritanomaly
838473

Monochromacy



Original Color
7E8947

Achromatopsia
7E7E7E

Achromatomaly
7E826A

CSS Examples

Text

The CSS property to change the color of the text to Hex 7E8947 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 #7E8947 looks like.

```
.text, #text, p{  
    color:#7E8947  
}
```

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 #7E8947 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E8947
}
```

Border

The CSS property to change the border of an element to Hex 7E8947 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
#7E8947 }
```

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

```
.border{ border-color:#7E8947 }
```

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

Here you see how a box with a 4 pixel #7E8947 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E8947; -webkit-box-shadow:4px 4px  
4px 4px #7E8947; box-shadow:4px 4px 4px  
4px #7E8947 }
```

Background

The CSS property to change the background color of an element to Hex 7E8947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E8947 }
```

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

```
.background{ background-color:#7E8947 }
```

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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