

Converting Colors

Hex(7D8E63)

Have a look what the booklet for
Hex(7D8E63) contains.

Hex(7D8E63)	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(7D8E63)

Conversions

Conversions Part 1

Format	Color
Hex	7D8E63
RGB	125, 142, 99
RGB Percent	49%, 56%, 39%
CMY	0.5098, 0.4431, 0.6118
CMYK	0.12, 0.00, 0.30, 0.44
HSL	84°, 18%, 47%
HSV	84°, 30%, 56%
XYZ	20.3826, 24.6068, 15.4797
YIQ	132.0150, 3.6710, -16.9770

Conversions

Conversions Part 2

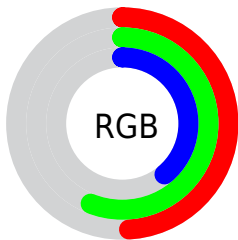
Format	Color
R_{YB}	99, 142, 116
Decimal	8228451
CIE _{Lab}	56.69, -14.04, 20.94
CIE _{LCh}	57, 25.216, 123.837
Yxy	24.6068, 0.3371, 0.4069
Android (android.graphics.Color)	4286418531 (0xFF7D8E63)
YUV	132.0150, -16.2764, -6.1522
Hunter-Lab	49.6053, -13.4644, 16.2218

Details

The Hex color **7D8E63** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **74638E**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **B2C496**, and **4B5C34** is the 20% darker color. If you saturate the color by 10%, you get **778E55**, and if you desaturate by 10%, it is **838E71**.

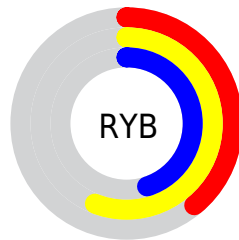
Distribution



Red (49%)

Green (56%)

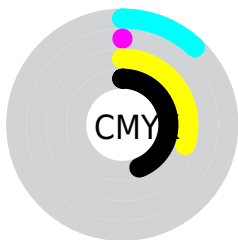
Blue (39%)



Red (39%)

Yellow (56%)

Blue (45%)

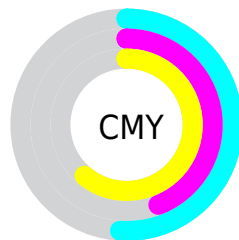


Cyan (12%)

Magenta (0%)

Yellow (30%)

Black (44%)



Cyan (51%)

Magenta (44%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7D8E63 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 7D8E63 by changing the saturation by 10% instead.

 7D8E63

 7D8E63

FFFFFF

 64744B

 B2C496

 4B5C34


 CEE0B1

 34441E

 EAFCCC

 1E2E07

 FFFFEE

 011A00

 000000

 7D8E63

 7D8E63

 778E55

 838E71

 728E47

 888E7F

 6C8E38

 8E8E8E

 678E2A

 938E9C

 618E1C

 998EAA

 5B8E0E

 9F8EB8

 568E00

 A48EC6

 AA8ED5

 B08EE3

Harmonies

Analogous

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



95885C



7D8E63



639274

Triad

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



7D8E63



518FAF



B37886

Complementary

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



7D8E63



74638E

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.



A67B9C



7D8E63



7089B3

Square

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



7D8E63



4293A0



8F81AC



B37A71

Rectangle

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



7D8E63



539483



8F81AC



B0788D

Sweetspot

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



7D8E63



B1B8A7



8E7363



585C52



DBDBDB



5C5C5C

Same Dimension

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



7D8E63



9DB876



688E63



454740



528700



050800

Inverse Universe

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



74638E



9076B8



89638E



434047



350087



030008

Previews

White Background



This preview shows how the Hex color 7D8E63 looks on a white background.

Color Contrast Check

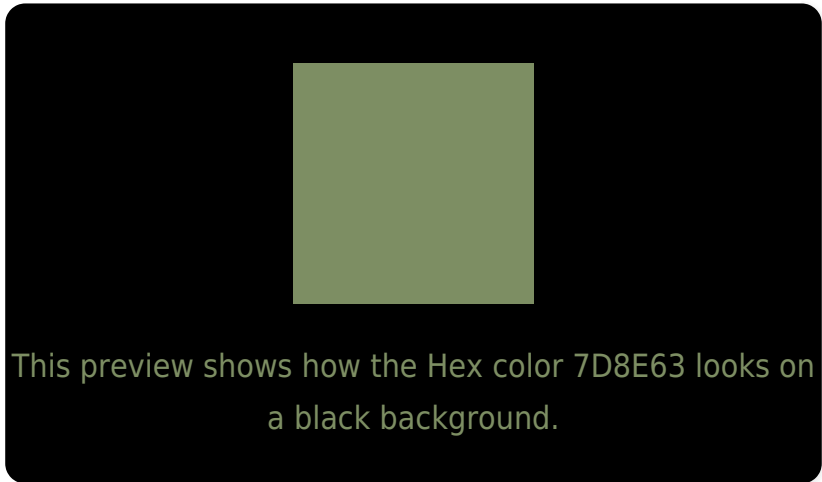
Large Text (above 18pt) WCAG AA ✓ Pass

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

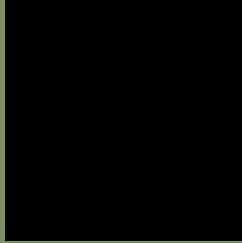
Any Text WCAG AA ✓ Pass

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 7D8E63 Background



This preview shows how black text looks on a background with the Hex color 7D8E63.



This preview shows how white text looks on a background with the Hex color 7D8E63.

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
848893

Trichromacy



Original Color
7D8E63

Protanomaly
8A8A61

Deuteranomaly
938665

Tritanomaly
818A82

Monochromacy



Original Color
7D8E63

Achromatopsia
848484

Achromatomaly
818878

CSS Examples

Text

The CSS property to change the color of the text to Hex 7D8E63 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 #7D8E63 looks like.

```
.text, #text, p{  
    color:#7D8E63  
}
```

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 #7D8E63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D8E63  
}
```

Border

The CSS property to change the border of an element to Hex 7D8E63 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  
#7D8E63 }
```

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

```
.border{ border-color:#7D8E63 }
```

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

Here you see how a box with a 4 pixel #7D8E63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D8E63; -webkit-box-shadow:4px 4px  
4px 4px #7D8E63; box-shadow:4px 4px 4px  
4px #7D8E63 }
```

Background

The CSS property to change the background color of an element to Hex 7D8E63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D8E63 }
```

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

```
.background{ background-color:#7D8E63 }
```

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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