

Converting Colors

Hex(7D8E46)

Have a look what the booklet for
Hex(7D8E46) contains.

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Color

Hex(7D8E46)

Conversions

Conversions Part 1

Format	Color
Hex	7D8E46
RGB	125, 142, 70
RGB Percent	49%, 56%, 27%
CMY	0.5098, 0.4431, 0.7255
CMYK	0.12, 0.00, 0.51, 0.44
HSL	74°, 34%, 42%
HSV	74°, 51%, 56%
XYZ	19.2359, 24.1482, 9.4416
YIQ	128.7090, 12.9800, -25.9960

Conversions

Conversions Part 2

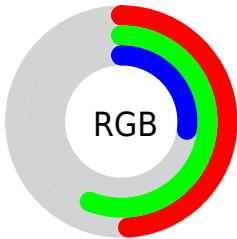
Format	Color
RYB	70, 142, 87
Decimal	8228422
CIELab	56.24, -17.80, 36.02
CIElCh	56, 40.180, 116.300
Yxy	24.1482, 0.3641, 0.4571
Android (android.graphics.Color)	4286418502 (0xFF7D8E46)
YUV	128.7090, -28.9435, -3.2528
Hunter-Lab	49.1408, -16.1234, 23.0070

Details

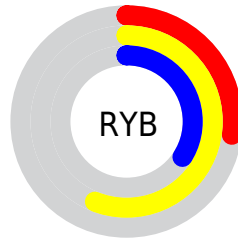
The Hex color **7D8E46** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **57468E**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **B3C478**, and **4A5C16** is the 20% darker color. If you saturate the color by 10%, you get **7A8E38**, and if you desaturate by 10%, it is **808E54**.

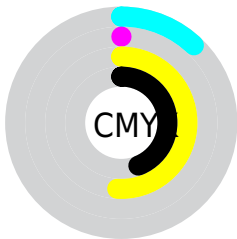
Distribution



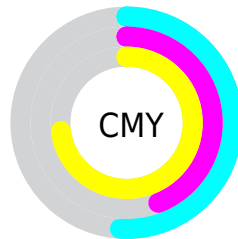
- Red (49%)
- Green (56%)
- Blue (27%)



- Red (27%)
- Yellow (56%)
- Blue (34%)



- Cyan (12%)
- Magenta (0%)
- Yellow (51%)
- Black (44%)



- Cyan (51%)
- Magenta (44%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7D8E46 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 7D8E46 by changing the saturation by 10% instead.



7D8E46



7D8E46

FFFFFF



63742E



B3C478



4A5C16



CFE092



324400



ECFCAD



1B2E00



FFFFC9



001B00



FFFFE5



000000



7D8E46



7D8E46



7A8E38



808E54



768E2A



848E62

 738E1B

 878E71

 708E0D

 8A8E7F

 6C8E00

 8E8E8D

 918E9B

 948EA9

 988EB8

 9B8EC6

Harmonies

Analogous

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



A0833F



7D8E46



52955F

Triad

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



7D8E46



0094C0



C56A8D

Complementary

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



7D8E46



57468E

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.



AE72AE



7D8E46



408CCC

Square

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



7D8E46



0098A5



837FC5



C86C6A

Rectangle

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



7D8E46



2A9875



837FC5



C06C98

Sweetspot

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



7D8E46



B1B89C



8E5746



585C4B



DBDBDB



5C5C5C

Same Dimension

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



7D8E46



9DB848



598E46



464740



678700



060800

Inverse Universe

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



57468E



6248B8



7B468E



424047



200087



020008

Previews

White Background



This preview shows how the Hex color 7D8E46 looks on a white background.

Color Contrast Check

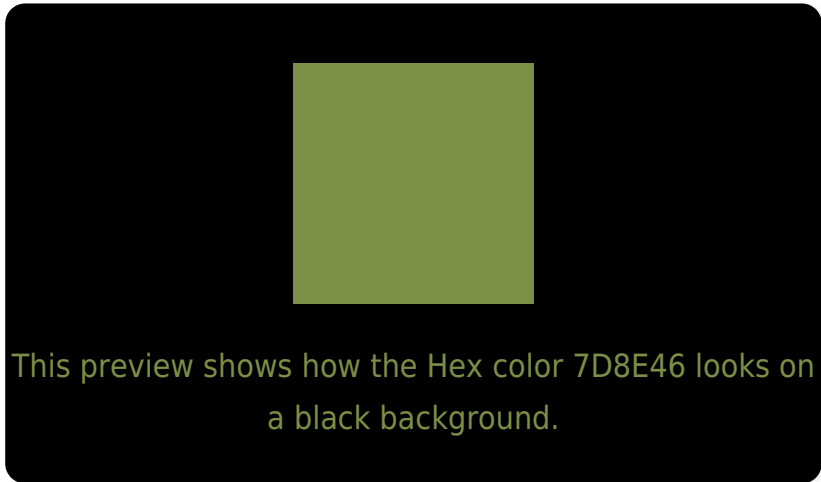
Large Text (above 18pt) WCAG AA ✓ Pass

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

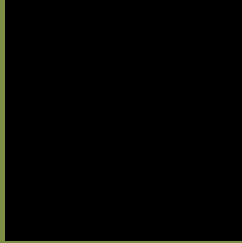
Any Text WCAG AA ✓ Pass

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 7D8E46 Background



This preview shows how black text looks on a background with the Hex color 7D8E46.



This preview shows how white text looks on a background with the Hex color 7D8E46.

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
868690

Trichromacy



Original Color
7D8E46

Protanomaly
8C8A45

Deuteranomaly
968548

Tritanomaly
838975

Monochromacy



Original Color
7D8E46

Achromatopsia
818181

Achromatomaly
80866C

CSS Examples

Text

The CSS property to change the color of the text to Hex 7D8E46 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 #7D8E46 looks like.

```
.text, #text, p{  
    color:#7D8E46  
}
```

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 #7D8E46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D8E46
}
```

Border

The CSS property to change the border of an element to Hex 7D8E46 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
#7D8E46 }
```

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

```
.border{ border-color:#7D8E46 }
```

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

Here you see how a box with a 4 pixel #7D8E46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D8E46; -webkit-box-shadow:4px 4px  
4px 4px #7D8E46; box-shadow:4px 4px 4px  
4px #7D8E46 }
```

Background

The CSS property to change the background color of an element to Hex 7D8E46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D8E46 }
```

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

```
.background{ background-color:#7D8E46 }
```

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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