

Converting Colors

Hex(7B7D57)

Have a look what the booklet for
Hex(7B7D57) contains.

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Color

Hex(7B7D57)

Conversions

Conversions Part 1

Format	Color
Hex	7B7D57
RGB	123, 125, 87
RGB Percent	48%, 49%, 34%
CMY	0.5176, 0.5098, 0.6588
CMYK	0.02, 0.00, 0.30, 0.51
HSL	63°, 18%, 42%
HSV	63°, 30%, 49%
XYZ	17.2223, 19.5663, 11.8858
YIQ	120.0700, 11.0060, -12.2420

Conversions

Conversions Part 2

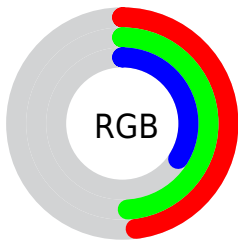
Format	Color
RYB	87, 125, 89
Decimal	8093015
CIELab	51.34, -7.34, 20.52
CIELCh	51, 21.797, 109.671
Yxy	19.5663, 0.3538, 0.4020
Android (android.graphics.Color)	4286283095 (0xFF7B7D57)
YUV	120.0700, -16.3035, 2.5696
Hunter-Lab	44.2338, -7.9108, 15.0322

Details

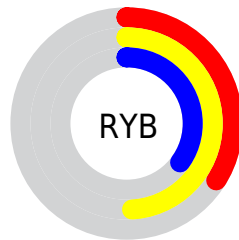
The Hex color **7B7D57** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **59577D**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **B0B289**, and **4A4C29** is the 20% darker color. If you saturate the color by 10%, you get **7A7D4B**, and if you desaturate by 10%, it is **7C7D64**.

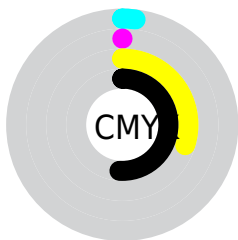
Distribution



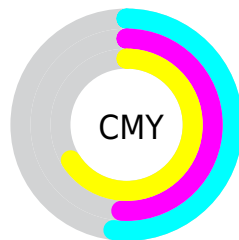
- Red (48%)
- Green (49%)
- Blue (34%)



- Red (34%)
- Yellow (49%)
- Blue (35%)



- Cyan (2%)
- Magenta (0%)
- Yellow (30%)
- Black (51%)



- Cyan (52%)
- Magenta (51%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B7D57 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 7B7D57 by changing the saturation by 10% instead.

 7B7D57

 7B7D57

FFFFFF

 62643F


 B0B289

 4A4C29

 CCCDA4

 323614

 E8E9BF

 1E2000

 FFFFDB

 000900

 FFFFF7

 000000

 7B7D57

 7B7D57

 7A7D4B

 7C7D64

 7A7D3E

 7C7D70

 797D32

 7D7D7D

 787D25

 7E7D89

 787D19

 7E7D96

 777D0C

 7F7DA2

 767D00

 807DAF

 807DBB

 817DC8

Harmonies

Analogous

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



8E7756



7B7D57



668262

Triad

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



7B7D57



458296



9B6D82

Complementary

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



7B7D57



59577D

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.



8C7193



7B7D57



5A7E9F

Square

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



7B7D57



428586



74789D



A06D6F

Rectangle

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



7B7D57



58846D



74789D



976E88

Sweetspot

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



7B7D57



A2A395



7D5957



515249



D1D1D1



525252

Same Dimension

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



7B7D57



A0A368



687D57



3F4039



798000



000000

Inverse Universe

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



59577D



6C68A3



6C577D



3A3940



070080



000000

Previews

White Background



This preview shows how the Hex color 7B7D57 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

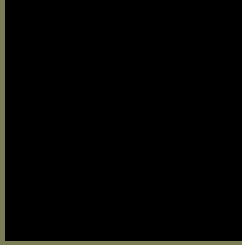
Any Text WCAG AA ✓ Pass

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 7B7D57 Background



This preview shows how black text looks on a background with the Hex color 7B7D57.



This preview shows how white text looks on a background with the Hex color 7B7D57.

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
7B7D57

Protanopia
847A56

Deuteranopia
917559



Tritanopia
807881

Trichromacy



Original Color
7B7D57

Protanomaly
817B56

Deuteranomaly
897858

Tritanomaly
7E7A72

Monochromacy



Original Color
7B7D57

Achromatopsia
787878

Achromatomaly
797A6C

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B7D57 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 #7B7D57 looks like.

```
.text, #text, p{  
    color:#7B7D57  
}
```

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 #7B7D57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B7D57
}
```

Border

The CSS property to change the border of an element to Hex 7B7D57 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
#7B7D57 }
```

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

```
.border{ border-color:#7B7D57 }
```

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

Here you see how a box with a 4 pixel #7B7D57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B7D57; -webkit-box-shadow:4px 4px  
4px 4px #7B7D57; box-shadow:4px 4px 4px  
4px #7B7D57 }
```

Background

The CSS property to change the background color of an element to Hex 7B7D57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B7D57 }
```

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

```
.background{ background-color:#7B7D57 }
```

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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