

Converting Colors

Hex(7D8167)

Have a look what the booklet for
Hex(7D8167) contains.

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Color

Hex(7D8167)

Conversions

Conversions Part 1

Format	Color
Hex	7D8167
RGB	125, 129, 103
RGB Percent	49%, 51%, 40%
CMY	0.5098, 0.4941, 0.5961
CMYK	0.03, 0.00, 0.20, 0.49
HSL	69°, 11%, 45%
HSV	69°, 20%, 51%
XYZ	18.7559, 21.0398, 15.9045
YIQ	124.8400, 5.9620, -8.9340

Conversions

Conversions Part 2

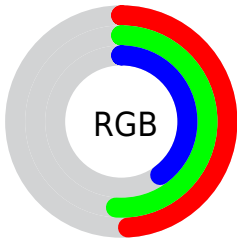
Format	Color
RYB	103, 129, 107
Decimal	8225127
CIELab	52.99, -6.29, 13.62
CIELCh	53, 15.005, 114.773
Yxy	21.0398, 0.3367, 0.3777
Android (android.graphics.Color)	4286415207 (0xFF7D8167)
YUV	124.8400, -10.7671, 0.1403
Hunter-Lab	45.8691, -7.2823, 11.5504

Details

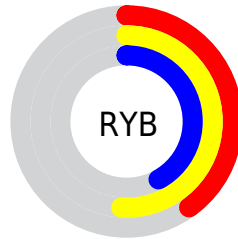
The Hex color **7D8167** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **6B6781**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **B2B69A**, and **4C5038** is the 20% darker color. If you saturate the color by 10%, you get **7B815A**, and if you desaturate by 10%, it is **7F8174**.

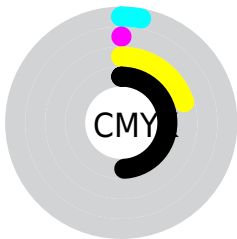
Distribution



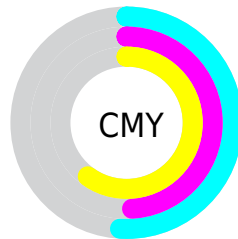
- Red (49%)
- Green (51%)
- Blue (40%)



- Red (40%)
- Yellow (51%)
- Blue (42%)



- Cyan (3%)
- Magenta (0%)
- Yellow (20%)
- Black (49%)



- Cyan (51%)
- Magenta (49%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7D8167 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 7D8167 by changing the saturation by 10% instead.



7D8167



7D8167

FFFFFF



64684F



B2B69A



4C5038



CDD1B5



353922



EAEED1



20240D



FFFFED



000F00



000000



7D8167



7D8167



7B815A



7F8174



79814D



818181

 778140

 83818E

 758133

 85819B

 738127

 8781A8

 71811A

 8981B4

 6F810D

 8B81C1

 6D8100

 8D81CE

 8F81DB

Harmonies

Analogous

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



8B7D65



7D8167



6E846F

Triad

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



7D8167



608493



977681

Complementary

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



7D8167



6B6781

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.



8D788E



7D8167



6D8098

Square

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



7D8167



5C8689



7E7C96



997674

Rectangle

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



7D8167



658577



7E7C96



947686

Sweetspot

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



7D8167



A7A89E



816B67



53544E



D4D4D4



545454

Same Dimension

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



7D8167



A2A880



708167



3F4039



6C8000



000000

Inverse Universe

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



6B6781



8680A8



786781



3A3940



140080



000000

Previews

White Background



This preview shows how the Hex color 7D8167 looks on a white background.

Color Contrast Check

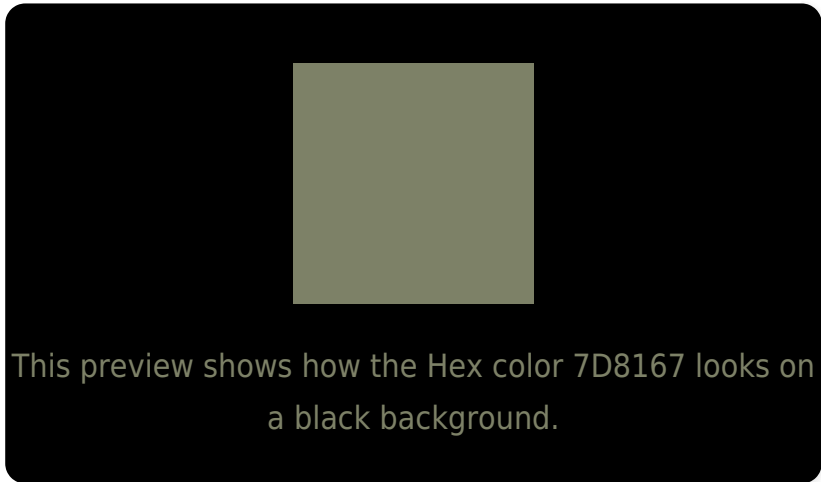
Large Text (above 18pt) WCAG AA ✓ Pass

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

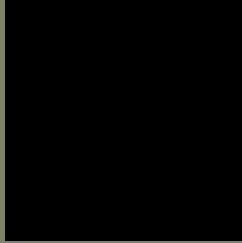
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

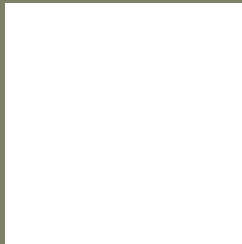
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 7D8167 Background



This preview shows how black text looks on a background with the Hex color 7D8167.



This preview shows how white text looks on a background with the Hex color 7D8167.

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
7D8167

Protanopia
867E66

Deuteranopia
927A69



Tritanopia
817D87

Trichromacy



Original Color
7D8167

Protanomaly
837F66

Deuteranomaly
8A7D68

Tritanomaly
807E7B

Monochromacy



Original Color
7D8167

Achromatopsia
7D7D7D

Achromatomaly
7D7E75

CSS Examples

Text

The CSS property to change the color of the text to Hex 7D8167 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 #7D8167 looks like.

```
.text, #text, p{  
    color:#7D8167  
}
```

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 #7D8167 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D8167
}
```

Border

The CSS property to change the border of an element to Hex 7D8167 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
#7D8167 }
```

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

```
.border{ border-color:#7D8167 }
```

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

Here you see how a box with a 4 pixel #7D8167 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D8167; -webkit-box-shadow:4px 4px  
4px 4px #7D8167; box-shadow:4px 4px 4px  
4px #7D8167 }
```

Background

The CSS property to change the background color of an element to Hex 7D8167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D8167 }
```

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

```
.background{ background-color:#7D8167 }
```

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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