

Converting Colors

Hex(7C8163)

Have a look what the booklet for
Hex(7C8163) contains.

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Color

Hex(7C8163)

Conversions

Conversions Part 1

Format	Color
Hex	7C8163
RGB	124, 129, 99
RGB Percent	49%, 51%, 39%
CMY	0.5137, 0.4941, 0.6118
CMYK	0.04, 0.00, 0.23, 0.49
HSL	70°, 13%, 45%
HSV	70°, 23%, 51%
XYZ	18.4146, 20.8865, 14.8653
YIQ	124.0850, 6.6500, -10.3900

Conversions

Conversions Part 2

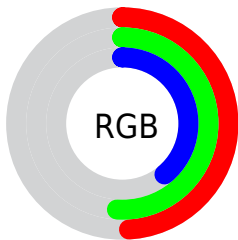
Format	Color
R_{YB}	99, 129, 104
Decimal	8159587
CIE _{Lab}	52.82, -7.34, 15.68
CIE _{LCh}	53, 17.313, 115.085
Yxy	20.8865, 0.3400, 0.3856
Android (android.graphics.Color)	4286349667 (0xFF7C8163)
YUV	124.0850, -12.3669, -0.0745
Hunter-Lab	45.7017, -8.0550, 12.7060

Details

The Hex color **7C8163** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **686381**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **B1B696**, and **4B5034** is the 20% darker color. If you saturate the color by 10%, you get **7A8156**, and if you desaturate by 10%, it is **7E8170**.

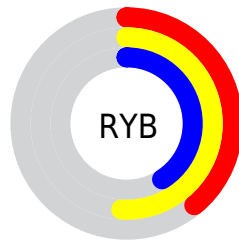
Distribution



Red (49%)

Green (51%)

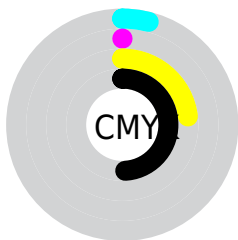
Blue (39%)



Red (39%)

Yellow (51%)

Blue (41%)

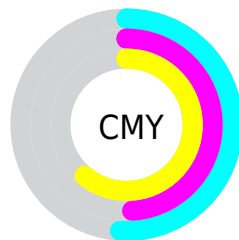


Cyan (4%)

Magenta (0%)

Yellow (23%)

Black (49%)



Cyan (51%)

Magenta (49%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7C8163 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 7C8163 by changing the saturation by 10% instead.

 7C8163

 7C8163

FFFFFF

 63684B


 B1B696

 4B5034

 CCD1B1

 34391F

 E9EECC

 1F2308

 FFFFE8

 000F00

 000000

 7C8163

 7C8163

 7A8156

 7E8170

 788149

 80817D

 76813C

 82818A

 73812F

 858197

 718123

 8781A3

 6F8116

 8981B0

 6D8109

 8B81BD

 6C8100

 8D81CA

 8F81D7

Harmonies

Analogous

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



8C7C61



7C8163



6B856D

Triad

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



7C8163



598496



9A7481

Complementary

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



7C8163



686381

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.



8F768F



7C8163



69809B

Square

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



7C8163



55868A



7D7B99



9D7472

Rectangle

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



7C8163



618676



7D7B99



977486

Sweetspot

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



7C8163



A6A89D



816863



53544D



D4D4D4



545454

Same Dimension

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



7C8163



A0A879



6E8163



3F4039



6A8000



000000

Inverse Universe

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



686381



8179A8



776381



3A3940



150080



000000

Previews

White Background



This preview shows how the Hex color 7C8163 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

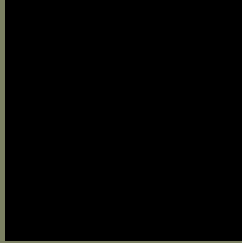
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

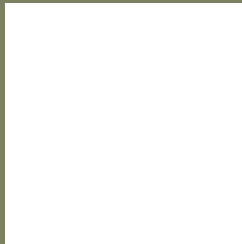
Any Text WCAG AAA × Fail

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

Hex 7C8163 Background



This preview shows how black text looks on a background with the Hex color 7C8163.



This preview shows how white text looks on a background with the Hex color 7C8163.

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
7C8163

Protanopia
867E62

Deuteranopia
937965



Tritanopia
817C86

Trichromacy



Original Color
7C8163

Protanomaly
827F62

Deuteranomaly
8B7C64

Tritanomaly
7F7E79

Monochromacy



Original Color
7C8163

Achromatopsia
7C7C7C

Achromatomaly
7C7E73

CSS Examples

Text

The CSS property to change the color of the text to Hex 7C8163 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 #7C8163 looks like.

```
.text, #text, p{  
    color:#7C8163  
}
```

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 #7C8163 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C8163
}
```

Border

The CSS property to change the border of an element to Hex 7C8163 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
#7C8163 }
```

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

```
.border{ border-color:#7C8163 }
```

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

Here you see how a box with a 4 pixel #7C8163 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C8163; -webkit-box-shadow:4px 4px  
4px 4px #7C8163; box-shadow:4px 4px 4px  
4px #7C8163 }
```

Background

The CSS property to change the background color of an element to Hex 7C8163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C8163 }
```

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

```
.background{ background-color:#7C8163 }
```

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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