

# Converting Colors

Hex(7F8865)

Have a look what the booklet for  
Hex(7F8865) contains.

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# Color

Hex(7F8865)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7F8865
RGB	127, 136, 101
RGB Percent	50%, 53%, 40%
CMY	0.5020, 0.4667, 0.6039
CMYK	0.07, 0.00, 0.26, 0.47
HSL	75°, 15%, 46%
HSV	75°, 26%, 53%
XYZ	19.9055, 23.0599, 15.7138
YIQ	129.3190, 5.8710, -12.7930

# Conversions

## Conversions Part 2

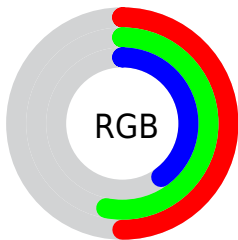
<b>Format</b>	<b>Color</b>
<b>RYB</b>	101, 136, 110
Decimal	8357989
CIELab	55.13, -9.69, 17.74
CIELCh	55, 20.210, 118.637
Yxy	23.0599, 0.3392, 0.3930
Android (android.graphics.Color)	4286548069 (0xFF7F8865)
YUV	129.3190, -13.9613, -2.0338
Hunter-Lab	48.0208, -10.0447, 14.2131

# Details

The Hex color **7F8865** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **6E6588**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **B4BD98**, and **4D5636** is the 20% darker color. If you saturate the color by 10%, you get **7C8857**, and if you desaturate by 10%, it is **828873**.

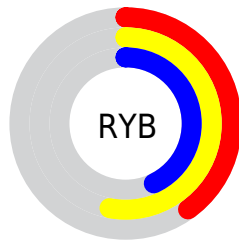
# Distribution



Red (50%)

Green (53%)

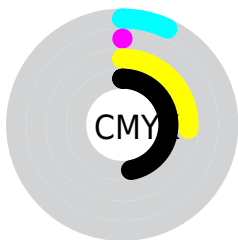
Blue (40%)



Red (40%)

Yellow (53%)

Blue (43%)

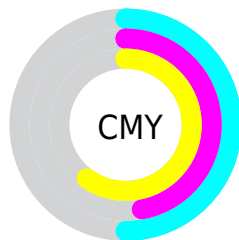


Cyan (7%)

Magenta (0%)

Yellow (26%)

Black (47%)



Cyan (50%)

Magenta (47%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7F8865 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 7F8865 by changing the saturation by 10% instead.





7F8865



7F8865

FFFFFF



666F4D



B4BD98



4D5636



D0D9B3



363F20



ECF6CF



21290A



FFFFEB



041500



000000



7F8865



7F8865



7C8857



828873



78884A



868880

 75883C

 89888E

 71882F

 8D889B

 6E8821

 9088A9

 6A8813

 9488B7

 678806

 9788C4

 658800

 9B88D2

 9E88DF

# Harmonies

## Analogous

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



928361



7F8865



6B8C71

# Triad

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



7F8865



598BA1



A67785

# Complementary

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



7F8865



6E6588

# 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.



9A7A96



7F8865



6E86A7

# Square

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



7F8865



518D94



8680A3



A77874

# Rectangle

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



7F8865



5F8D7D



8680A3



A3788B



# Sweetspot

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



7F8865



ACB0A2



886E65



575950



D9D9D9



595959



# Same Dimension

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



7F8865



A2B079



6E8865



43453E



638500



040500



# Inverse Universe

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



6E6588



8779B0



7F6588



403E45



220085



010005



# Previews

## White Background



This preview shows how the Hex color 7F8865 looks on a white background.

## Color Contrast Check

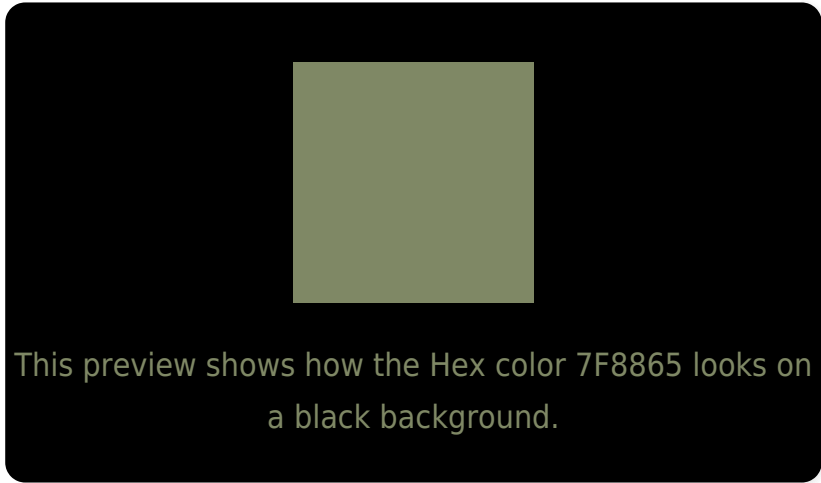
Large Text (above 18pt) WCAG AA ✓ Pass

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

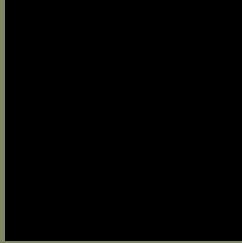
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

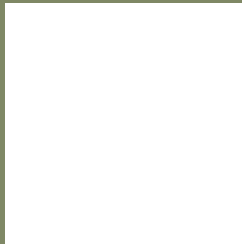
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7F8865 Background



This preview shows how black text looks on a background with the Hex color 7F8865.



This preview shows how white text looks on a background with the Hex color 7F8865.

# 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**  
7F8865

**Protanopia**  
8D8463

**Deuteranopia**  
9A7F67



**Tritanopia**  
85838D

# Trichromacy



**Original Color**  
7F8865

**Protanomaly**  
888564

**Deuteranomaly**  
908266

**Tritanomaly**  
83857E

# Monochromacy



**Original Color**  
7F8865

**Achromatopsia**  
818181

**Achromatomaly**  
808477

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7F8865 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 #7F8865 looks like.

```
.text, #text, p{  
    color:#7F8865  
}
```

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 #7F8865 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F8865
}
```

## Border

The CSS property to change the border of an element to Hex 7F8865 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
#7F8865 }
```

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

```
.border{ border-color:#7F8865 }
```

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

Here you see how a box with a 4 pixel #7F8865 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F8865; -webkit-box-shadow:4px 4px  
4px 4px #7F8865; box-shadow:4px 4px 4px  
4px #7F8865 }
```

# Background

The CSS property to change the background color of an element to Hex 7F8865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F8865 }
```

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

```
.background{ background-color:#7F8865 }
```

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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