

# Converting Colors

Hex(7C8764)

Have a look what the booklet for  
Hex(7C8764) contains.

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**Color**

**Hex(7C8764)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7C8764
RGB	124, 135, 100
RGB Percent	49%, 53%, 39%
CMY	0.5137, 0.4706, 0.6078
CMYK	0.08, 0.00, 0.26, 0.47
HSL	79°, 15%, 46%
HSV	79°, 26%, 53%
XYZ	19.2764, 22.5331, 15.3899
YIQ	127.7210, 4.6790, -13.2170

# Conversions

## Conversions Part 2

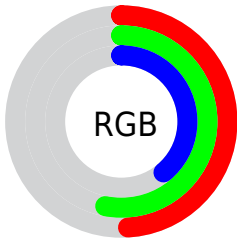
<b>Format</b>	<b>Color</b>
<b>RYB</b>	100, 135, 111
Decimal	8161124
CIELab	54.59, -10.49, 17.52
CIELCh	55, 20.425, 120.919
Yxy	22.5331, 0.3370, 0.3939
Android (android.graphics.Color)	4286351204 (0xFF7C8764)
YUV	127.7210, -13.6665, -3.2633
Hunter-Lab	47.4691, -10.5850, 14.0059

# Details

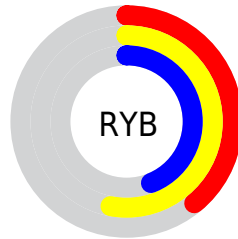
The Hex color **7C8764** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **6F6487**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **B1BC97**, and **4B5535** is the 20% darker color. If you saturate the color by 10%, you get **788756**, and if you desaturate by 10%, it is **808772**.

# Distribution



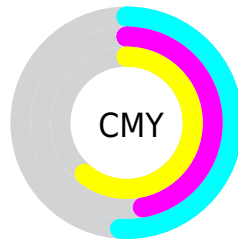
- Red (49%)
- Green (53%)
- Blue (39%)



- Red (39%)
- Yellow (53%)
- Blue (44%)



- Cyan (8%)
- Magenta (0%)
- Yellow (26%)
- Black (47%)



- Cyan (51%)
- Magenta (47%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7C8764 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 7C8764 by changing the saturation by 10% instead.



 7C8764

 7C8764

FFFFFF

 636E4C


 B1BC97

 4B5535

 CCD8B2

 343E1F

 E9F4CD

 1E2809

 FFFFEA

 001500

 000000

 7C8764

 7C8764

 788756

 808772

 748749

 84877F

■ 6F873B

■ 89878D

■ 6B872E

■ 8D879A

■ 678721

■ 9187A8

■ 638713

■ 9587B5

■ 5E8706

■ 9A87C3

■ 5D8700

■ 9E87D0

■ A287DE

# Harmonies

## Analogous

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



8F825F



7C8764



688B71

# Triad

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



7C8764



5889A1



A57683

# Complementary

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



7C8764



6F6487

# 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.



9A7894



7C8764



6E84A6

# Square

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



7C8764



4F8C94



867EA1



A67771

# Rectangle

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



7C8764



5B8C7C



867EA1



A27689



# Sweetspot

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



7C8764



ACB0A2



876F64



565950



D9D9D9



595959



# Same Dimension

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



7C8764



9FB079



6B8764



40423C



598200



020300



# Inverse Universe

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



6F6487



8B79B0



806487



3E3C42



290082



010003



# Previews

## White Background



This preview shows how the Hex color 7C8764 looks on a white background.

## Color Contrast Check

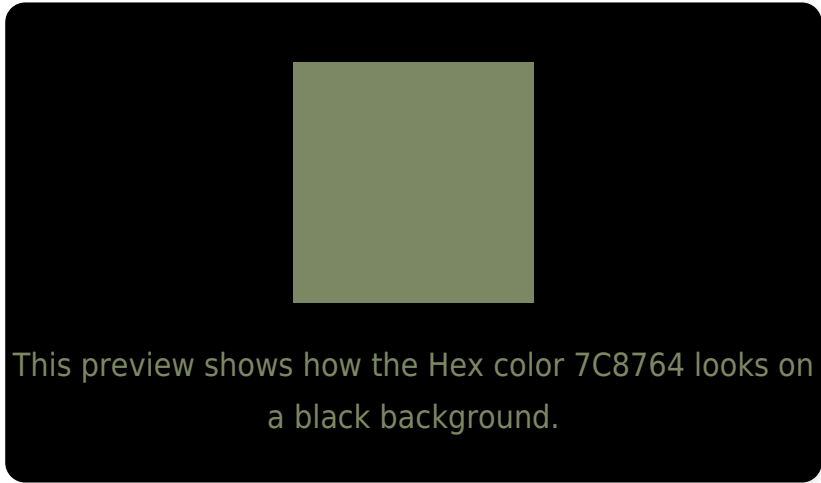
Large Text (above 18pt) WCAG AA ✓ Pass

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

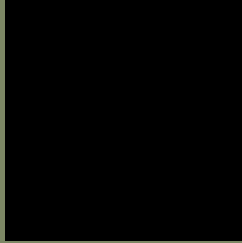
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

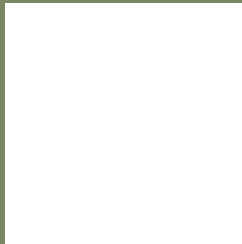
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7C8764 Background



This preview shows how black text looks on a background with the Hex color 7C8764.

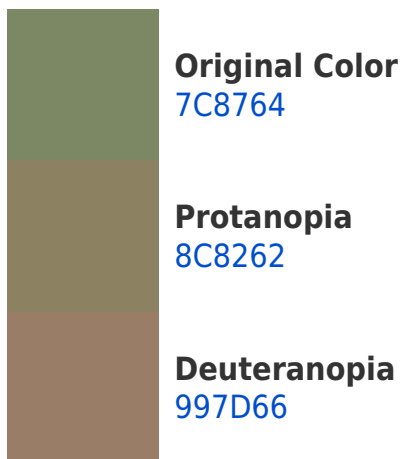



This preview shows how white text looks on a background with the Hex color 7C8764.

# 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**  
82828C

# Trichromacy



**Original Color**  
7C8764

**Protanomaly**  
868463

**Deuteranomaly**  
8E8165

**Tritanomaly**  
80847D

# Monochromacy



**Original Color**  
7C8764

**Achromatopsia**  
808080

**Achromatomaly**  
7F8376

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7C8764 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 #7C8764 looks like.

```
.text, #text, p{  
    color:#7C8764  
}
```

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 #7C8764 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C8764
}
```

## Border

The CSS property to change the border of an element to Hex 7C8764 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
#7C8764 }
```

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

```
.border{ border-color:#7C8764 }
```

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

Here you see how a box with a 4 pixel #7C8764 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C8764; -webkit-box-shadow:4px 4px  
4px 4px #7C8764; box-shadow:4px 4px 4px  
4px #7C8764 }
```

# Background

The CSS property to change the background color of an element to Hex 7C8764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C8764 }
```

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

```
.background{ background-color:#7C8764 }
```

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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