

# Converting Colors

Hex(7C8544)

Have a look what the booklet for  
Hex(7C8544) contains.

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**Color**

**Hex(7C8544)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7C8544
RGB	124, 133, 68
RGB Percent	49%, 52%, 27%
CMY	0.5137, 0.4784, 0.7333
CMYK	0.07, 0.00, 0.49, 0.48
HSL	68°, 32%, 39%
HSV	68°, 49%, 52%
XYZ	17.7431, 21.4775, 8.6793
YIQ	122.8990, 15.5010, -22.1230

# Conversions

## Conversions Part 2

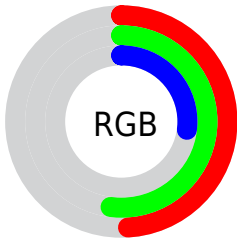
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">68, 133, 77</a>
Decimal	<a href="#">8160580</a>
CIELab	<a href="#">53.47, -13.67, 33.70</a>
CIELCh	<a href="#">53, 36.367, 112.084</a>
Yxy	<a href="#">21.4775, 0.3704, 0.4484</a>
Android (android.graphics.Color)	<a href="#">4286350660 (0xFF7C8544)</a>
YUV	<a href="#">122.8990, -27.0652, 0.9656</a>
Hunter-Lab	<a href="#">46.3438, -12.7616, 21.3369</a>

# Details

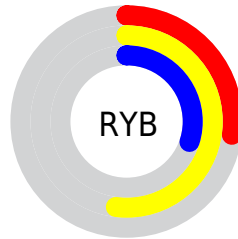
The Hex color **7C8544** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **4D4485**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **B2BA76**, and **495415** is the 20% darker color. If you saturate the color by 10%, you get **7A8537**, and if you desaturate by 10%, it is **7E8551**.

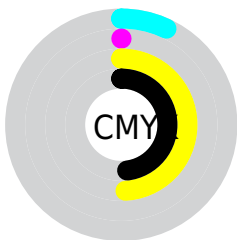
# Distribution



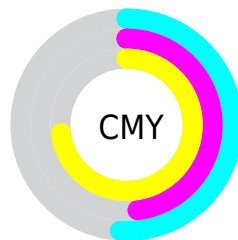
- Red (49%)
- Green (52%)
- Blue (27%)



- Red (27%)
- Yellow (52%)
- Blue (30%)



- Cyan (7%)
- Magenta (0%)
- Yellow (49%)
- Black (48%)



- Cyan (51%)
- Magenta (48%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7C8544 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 7C8544 by changing the saturation by 10% instead.





7C8544



7C8544

FFFFFF



626C2C



B2BA76



495415



CED690



323C00



EAF2AB



1B2700



FFFFC6



001400



FFFFE2



000000



7C8544



7C8544



7A8537



7E8551



788529



80855F

 76851C

 82856C

 75850F

 838579

 738501

 858587

 738500

 878594

 8985A1

 8B85AE

 8D85BC

# Harmonies

## Analogous

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



9A7B41



7C8544



578C58

# Triad

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



7C8544



008DB0



B66789

# Complementary

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



7C8544



4D4485

# 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.



9F6FA7



7C8544



3A85BD

# Square

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



7C8544



009096



767BBA



BB686A

# Rectangle

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



7C8544



398F6B



767BBA



B06994



# Sweetspot

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



7C8544



AAAD93



854D44



555747



D6D6D6



575757



# Same Dimension

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



7C8544



9FAD47



5C8544



41423C



708200



020300



# Inverse Universe

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



4D4485



5547AD



6D4485



3D3C42



120082



000003



# Previews

## White Background



This preview shows how the Hex color 7C8544 looks on a white background.

## Color Contrast Check

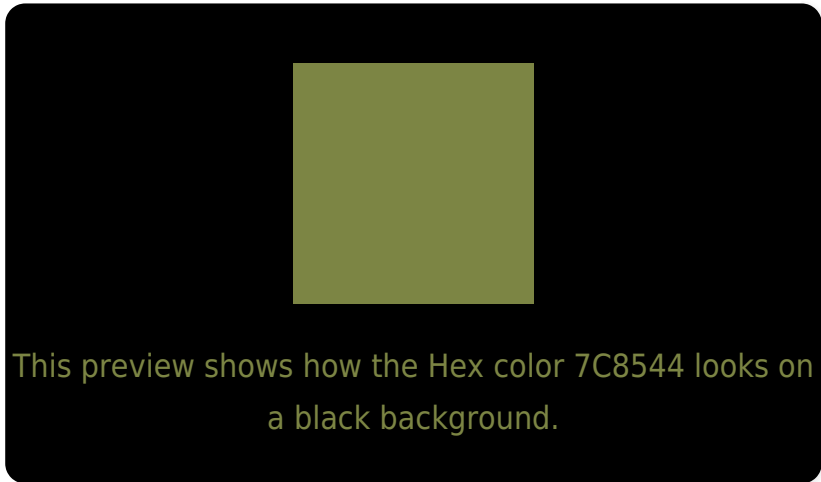
Large Text (above 18pt) WCAG AA ✓ Pass

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

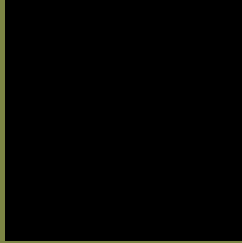
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7C8544 Background



This preview shows how black text looks on a background with the Hex color 7C8544.



This preview shows how white text looks on a background with the Hex color 7C8544.

# 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**  
7C8544

**Protanopia**  
8D8042

**Deuteranopia**  
9C7A47



**Tritanopia**  
847D87

# Trichromacy



**Original Color**  
7C8544

**Protanomaly**  
878243

**Deuteranomaly**  
907E46

**Tritanomaly**  
81806F

# Monochromacy



**Original Color**  
7C8544

**Achromatopsia**  
7B7B7B

**Achromatomaly**  
7B7F67

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7C8544 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 #7C8544 looks like.

```
.text, #text, p{  
    color:#7C8544  
}
```

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 #7C8544 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C8544
}
```

## Border

The CSS property to change the border of an element to Hex 7C8544 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
#7C8544 }
```

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

```
.border{ border-color:#7C8544 }
```

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

Here you see how a box with a 4 pixel #7C8544 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C8544; -webkit-box-shadow:4px 4px  
4px 4px #7C8544; box-shadow:4px 4px 4px  
4px #7C8544 }
```

# Background

The CSS property to change the background color of an element to Hex 7C8544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C8544 }
```

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

```
.background{ background-color:#7C8544 }
```

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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