

# Converting Colors

Hex(7C8355)

Have a look what the booklet for  
Hex(7C8355) contains.

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**Color**

**Hex(7C8355)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7C8355
RGB	124, 131, 85
RGB Percent	49%, 51%, 33%
CMY	0.5137, 0.4863, 0.6667
CMYK	0.05, 0.00, 0.35, 0.49
HSL	69°, 21%, 42%
HSV	69°, 35%, 51%
XYZ	18.0682, 21.1736, 11.7289
YIQ	123.6630, 10.5940, -15.7900

# Conversions

## Conversions Part 2

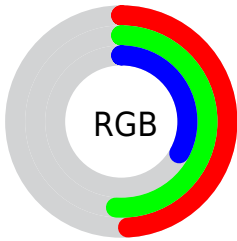
<b>Format</b>	<b>Color</b>
<b>RYB</b>	85, 131, 92
Decimal	8160085
CIELab	53.14, -10.52, 24.04
CIELCh	53, 26.243, 113.629
Yxy	21.1736, 0.3545, 0.4154
Android (android.graphics.Color)	4286350165 (0xFF7C8355)
YUV	123.6630, -19.0609, 0.2955
Hunter-Lab	46.0147, -10.4359, 17.0976

# Details

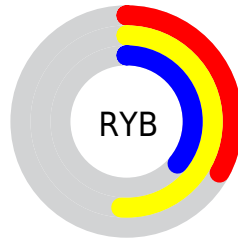
The Hex color **7C8355** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **5C5583**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **B1B887**, and **4A5227** is the 20% darker color. If you saturate the color by 10%, you get **7A8348**, and if you desaturate by 10%, it is **7E8362**.

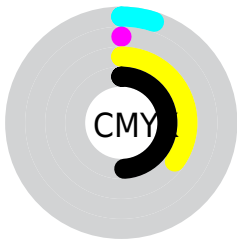
# Distribution



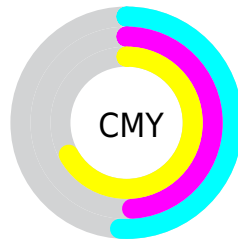
- Red (49%)
- Green (51%)
- Blue (33%)



- Red (33%)
- Yellow (51%)
- Blue (36%)



- Cyan (5%)
- Magenta (0%)
- Yellow (35%)
- Black (49%)



- Cyan (51%)
- Magenta (49%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7C8355 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 7C8355 by changing the saturation by 10% instead.



 7C8355

 7C8355

FFFFFF

 636A3D

 B1B887

 4A5227

 CDD4A2

 333B11

 E9F0BD

 1E2500

 FFFFD9

 001100

 FFFFF5

 000000

 7C8355

 7C8355

 7A8348

 7E8362

 78833B

 80836F

■ 76832E

■ 82837C

■ 748321

■ 848389

■ 728313

■ 868397

■ 708306

■ 8883A4

■ 6F8300

■ 8A83B1

■ 8C83BE

■ 8E83CB

# Harmonies

## Analogous

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



937C52



7C8355



628863

# Triad

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



7C8355



3A88A3



A86E85

# Complementary

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



7C8355



5C5583

# 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.



97739A



7C8355



5983AB

# Square

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



7C8355



338B90



7B7BA8



AC6F6E

# Rectangle

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



7C8355



508A71



7B7BA8



A36F8C



# Sweetspot

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



7C8355



A8AB98



835C55



55574B



D6D6D6



575757



# Same Dimension

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



7C8355



A0AB63



658355



41423C



6E8200



020300



# Inverse Universe

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



5C5583



6E63AB



735583



3D3C42



140082



000003



# Previews

## White Background



This preview shows how the Hex color 7C8355 looks on a white background.

## Color Contrast Check

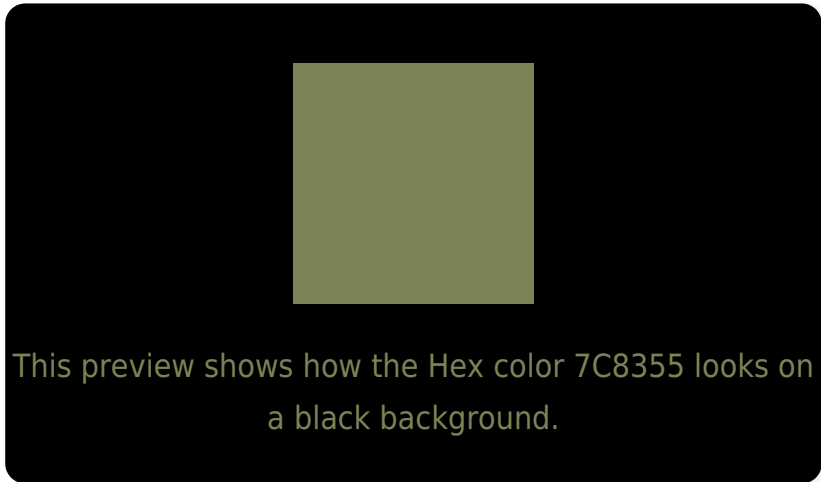
Large Text (above 18pt) WCAG AA ✓ Pass

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

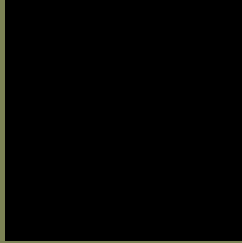
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

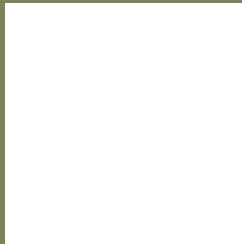
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7C8355 Background



This preview shows how black text looks on a background with the Hex color 7C8355.



This preview shows how white text looks on a background with the Hex color 7C8355.

# 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**  
7C8355

**Protanopia**  
8A7F53

**Deuteranopia**  
977957



**Tritanopia**  
827D87

# Trichromacy



**Original Color**

7C8355

**Protanomaly**

858054

**Deuteranomaly**

8D7D56

**Tritanomaly**

807F75

# Monochromacy



**Original Color**

7C8355

**Achromatopsia**

7C7C7C

**Achromatomaly**

7C7F6E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7C8355 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 #7C8355 looks like.

```
.text, #text, p{  
    color:#7C8355  
}
```

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 #7C8355 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C8355
}
```

## Border

The CSS property to change the border of an element to Hex 7C8355 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
#7C8355 }
```

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

```
.border{ border-color:#7C8355 }
```

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

Here you see how a box with a 4 pixel #7C8355 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C8355; -webkit-box-shadow:4px 4px  
4px 4px #7C8355; box-shadow:4px 4px 4px  
4px #7C8355 }
```

# Background

The CSS property to change the background color of an element to Hex 7C8355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C8355 }
```

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

```
.background{ background-color:#7C8355 }
```

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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