

# Converting Colors

Hex(7D8355)

Have a look what the booklet for  
Hex(7D8355) contains.

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**Color**

**Hex(7D8355)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7D8355
RGB	125, 131, 85
RGB Percent	49%, 51%, 33%
CMY	0.5098, 0.4863, 0.6667
CMYK	0.05, 0.00, 0.35, 0.49
HSL	68°, 21%, 42%
HSV	68°, 35%, 51%
XYZ	18.2134, 21.2485, 11.7357
YIQ	123.9620, 11.1900, -15.5780

# Conversions

## Conversions Part 2

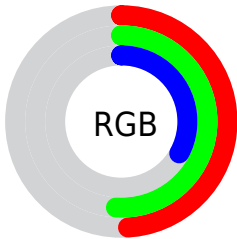
<b>Format</b>	<b>Color</b>
<b>RYB</b>	85, 131, 91
Decimal	8225621
CIELab	53.22, -10.10, 24.17
CIELCh	53, 26.191, 112.685
Yxy	21.2485, 0.3557, 0.4150
Android (android.graphics.Color)	4286415701 (0xFF7D8355)
YUV	123.9620, -19.2083, 0.9103
Hunter-Lab	46.0960, -10.1393, 17.1724

# Details

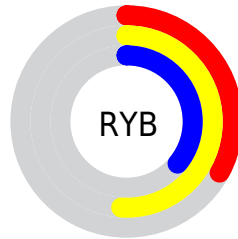
The Hex color **7D8355** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **5B5583**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **B2B887**, and **4B5227** is the 20% darker color. If you saturate the color by 10%, you get **7B8348**, and if you desaturate by 10%, it is **7F8362**.

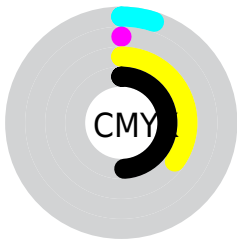
# Distribution



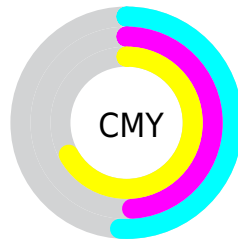
- Red (49%)
- Green (51%)
- Blue (33%)



- 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 7D8355 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 7D8355 by changing the saturation by 10% instead.



 7D8355

 7D8355

FFFFFF

 646A3D

 B2B887

 4B5227

 CED4A2

 343B11

 EAF0BD

 1F2500

 FFFFD9

 001100

 FFFFF5

 000000

 7D8355

 7D8355

 7B8348

 7F8362

 7A833B

 80836F

■ 78832E

■ 82837C

■ 768321

■ 848389

■ 748313

■ 868397

■ 738306

■ 8783A4

■ 728300

■ 8983B1

■ 8B83BE

■ 8C83CB

# Harmonies

## Analogous

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



947C52



7D8355



638863

# Triad

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



7D8355



3A88A2



A76F86

# Complementary

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



7D8355



5B5583

# 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.



96739B



7D8355



5883AB

# Square

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



7D8355



348B90



7A7BA9



AC6F6F

# Rectangle

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



7D8355



518A71



7A7BA9



A3708D



# Sweetspot

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



7D8355



A8AB98



835A55



55574B



D6D6D6



575757



# Same Dimension

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



7D8355



A1AB63



678355



41423C



718200



020300



# Inverse Universe

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



5B5583



6C63AB



715583



3D3C42



110082



000003



# Previews

## White Background



This preview shows how the Hex color 7D8355 looks on a white background.

## Color Contrast Check

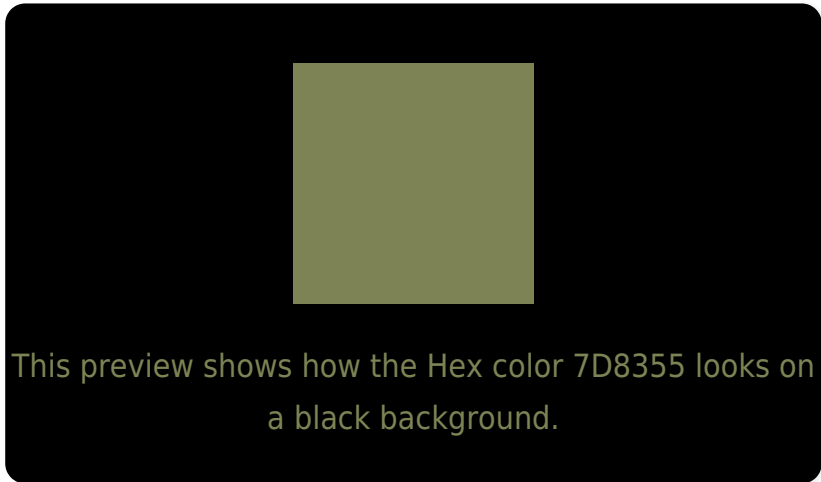
Large Text (above 18pt) WCAG AA ✓ Pass

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

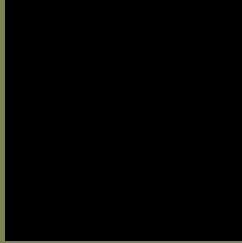
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

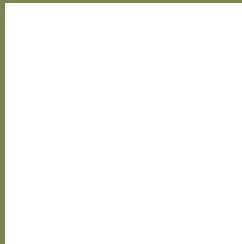
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7D8355 Background



This preview shows how black text looks on a background with the Hex color 7D8355.



This preview shows how white text looks on a background with the Hex color 7D8355.

# 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**  
7D8355

**Protanopia**  
8A7F53

**Deuteranopia**  
987A57



**Tritanopia**  
837D87

# Trichromacy



**Original Color**  
7D8355

**Protanomaly**  
858054

**Deuteranomaly**  
8E7D56

**Tritanomaly**  
817F75

# Monochromacy



**Original Color**  
7D8355

**Achromatopsia**  
7C7C7C

**Achromatomaly**  
7C7F6E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7D8355 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 #7D8355 looks like.

```
.text, #text, p{  
    color:#7D8355  
}
```

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 #7D8355 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D8355
}
```

## Border

The CSS property to change the border of an element to Hex 7D8355 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
#7D8355 }
```

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

```
.border{ border-color:#7D8355 }
```

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

Here you see how a box with a 4 pixel #7D8355 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D8355; -webkit-box-shadow:4px 4px  
4px 4px #7D8355; box-shadow:4px 4px 4px  
4px #7D8355 }
```

# Background

The CSS property to change the background color of an element to Hex 7D8355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D8355 }
```

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

```
.background{ background-color:#7D8355 }
```

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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