

# Converting Colors

Hex(7D7B37)

Have a look what the booklet for  
Hex(7D7B37) contains.

<b>Hex(7D7B37)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(7D7B37)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7D7B37
RGB	125, 123, 55
RGB Percent	49%, 48%, 22%
CMY	0.5098, 0.5176, 0.7843
CMYK	0.00, 0.02, 0.56, 0.51
HSL	58°, 39%, 35%
HSV	58°, 56%, 49%
XYZ	16.2300, 18.8017, 6.3881
YIQ	115.8460, 23.0200, -20.7240

# Conversions

## Conversions Part 2

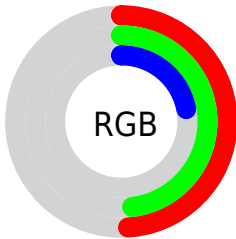
Format	Color
<a href="#">RYB</a>	<a href="#">57, 125, 55</a>
Decimal	<a href="#">8223543</a>
CIELab	<a href="#">50.45, -9.05, 36.86</a>
CIElCh	<a href="#">50, 37.956, 103.790</a>
Yxy	<a href="#">18.8017, 0.3918, 0.4539</a>
Android (android.graphics.Color)	<a href="#">4286413623 (0xFF7D7B37)</a>
YUV	<a href="#">115.8460, -29.9971, 8.0281</a>
Hunter-Lab	<a href="#">43.3610, -9.0692, 21.6178</a>

# Details

The Hex color **7D7B37** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **37397D**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **B3AF68**, and **4A4B05** is the 20% darker color. If you saturate the color by 10%, you get **7D7B2B**, and if you desaturate by 10%, it is **7D7B44**.

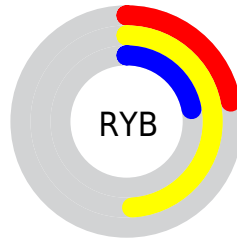
# Distribution



Red (49%)

Green (48%)

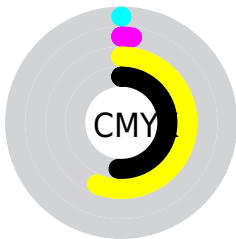
Blue (22%)



Red (22%)

Yellow (49%)

Blue (22%)

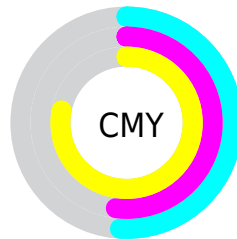


Cyan (0%)

Magenta (2%)

Yellow (56%)

Black (51%)



Cyan (51%)

Magenta (52%)

Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7D7B37 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 7D7B37 by changing the saturation by 10% instead.



 7D7B37

 7D7B37

FFFFFF

 63621F

 B3AF68

 4A4B05

 CFCB82

 323400

 ECE79D

 1A1F00

 FFFFB8

 000300

 FFFFD4

 000000

 FFFFF0

 7D7B37

 7D7B37

 7D7B2B

 7D7B44

 7D7A1E

 7D7C50

 7D7A12

 7D7C5D

 7D7A05

 7D7C69

 7D7900

 7D7D76

 7D7D82

 7D7E8F

 7D7E9B

 7D7EA8

# Harmonies

## Analogous

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



9A7039



7D7B37



598348

# Triad

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



7D7B37



0087A4



AB608B

# Complementary

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



7D7B37



37397D

# 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.



8E6AA7



7D7B37



0080B6

# Square

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



7D7B37



008986



5E76B7



B55D6A

# Rectangle

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



7D7B37



3B865A



5E76B7



A36295



# Sweetspot

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



7D7B37



A3A287



7D3739



525141



D1D1D1



525252



# Same Dimension

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



7D7B37



A3A036



5C7D37



404039



807C00



000000



# Inverse Universe

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



37397D



3639A3



58377D



393A40



000480



000000



# Previews

## White Background



This preview shows how the Hex color 7D7B37 looks on a white background.

## Color Contrast Check

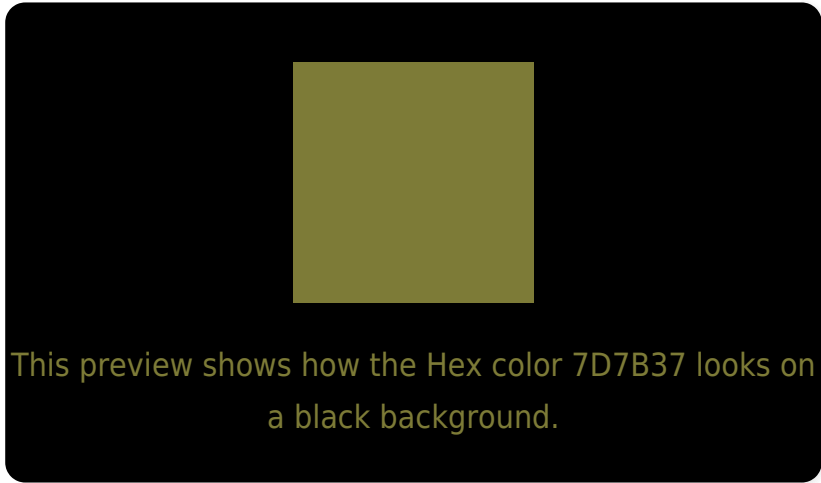
Large Text (above 18pt) WCAG AA ✓ Pass

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

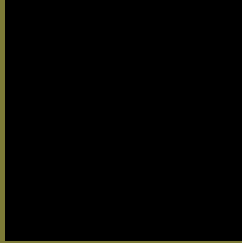
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7D7B37 Background



This preview shows how black text looks on a background with the Hex color 7D7B37.



This preview shows how white text looks on a background with the Hex color 7D7B37.

# 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**  
7D7B37

**Protanopia**  
857836

**Deuteranopia**  
947239



**Tritanopia**  
84747D

# Trichromacy



**Original Color**  
7D7B37

**Protanomaly**  
827936

**Deuteranomaly**  
8C7538

**Tritanomaly**  
817764

# Monochromacy



**Original Color**  
7D7B37

**Achromatopsia**  
747474

**Achromatomaly**  
77775E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7D7B37 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 #7D7B37 looks like.

```
.text, #text, p{  
    color:#7D7B37  
}
```

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 #7D7B37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D7B37
}
```

## Border

The CSS property to change the border of an element to Hex 7D7B37 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
#7D7B37 }
```

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

```
.border{ border-color:#7D7B37 }
```

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

Here you see how a box with a 4 pixel #7D7B37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D7B37; -webkit-box-shadow:4px 4px  
4px 4px #7D7B37; box-shadow:4px 4px 4px  
4px #7D7B37 }
```

# Background

The CSS property to change the background color of an element to Hex 7D7B37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D7B37 }
```

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

```
.background{ background-color:#7D7B37 }
```

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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