

Converting Colors

Hex(7C7137)

Have a look what the booklet for
Hex(7C7137) contains.

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Color

Hex(7C7137)

Conversions

Conversions Part 1

Format	Color
Hex	7C7137
RGB	124, 113, 55
RGB Percent	49%, 44%, 22%
CMY	0.5137, 0.5569, 0.7843
CMYK	0.00, 0.09, 0.56, 0.51
HSL	50°, 39%, 35%
HSV	50°, 56%, 49%
XYZ	14.9069, 16.3712, 5.9887
YIQ	109.6770, 25.1740, -15.7060

Conversions

Conversions Part 2

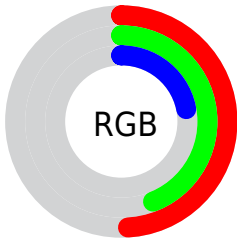
Format	Color
RYB	68, 124, 55
Decimal	8155447
CIELab	47.46, -3.88, 33.35
CIELCh	47, 33.576, 96.642
Yxy	16.3712, 0.4000, 0.4393
Android (android.graphics.Color)	4286345527 (0xFF7C7137)
YUV	109.6770, -26.9558, 12.5613
Hunter-Lab	40.4613, -5.0437, 19.5474

Details

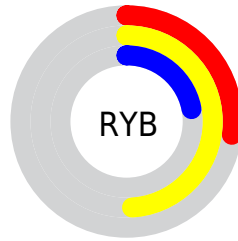
The Hex color **7C7137** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **37427C**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **B2A568**, and **494107** is the 20% darker color. If you saturate the color by 10%, you get **7C6F2B**, and if you desaturate by 10%, it is **7C7343**.

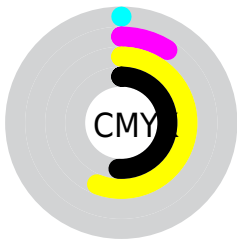
Distribution



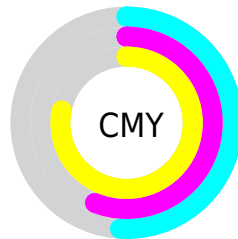
- Red (49%)
- Green (44%)
- Blue (22%)



- Red (27%)
- Yellow (49%)
- Blue (22%)



- Cyan (0%)
- Magenta (9%)
- Yellow (56%)
- Black (51%)



- Cyan (51%)
- Magenta (56%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7C7137 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 7C7137 by changing the saturation by 10% instead.

 7C7137

 7C7137

FFFFFF

 625920

 B2A568

 494107

 CEC081

 312B00

 EBDB9C

 191700

 FFF8B7

 000000

 FFFFD3

 FFFFEE

 7C7137

 7C7137

 7C6F2B

 7C7343

■ 7C6D1E

■ 7C7550

■ 7C6B12

■ 7C775C

■ 7C6905

■ 7C7969

■ 7C6800

■ 7C7B75

■ 7C7D81

■ 7C7F8E

■ 7C819A

■ 7C83A7

Harmonies

Analogous

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



94673D



7C7137



5E7942

Triad

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



7C7137



007E91



995D88

Complementary

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



7C7137



37427C

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.



7B679E



7C7137



0079A4

Square

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



7C7137



007F76



4E71A9



A6596B

Rectangle

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



7C7137



467C50



4E71A9



916090

Sweetspot

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



7C7137



A19C85



7C3743



524F41



D1D1D1



525252

Same Dimension

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



7C7137



A18F35



657C37



3D3C37



7D6900



FCD400

Inverse Universe

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



37427C



3546A1



4E377C



37383D



00147D



0028FC

Previews

White Background



This preview shows how the Hex color 7C7137 looks on a white background.

Color Contrast Check

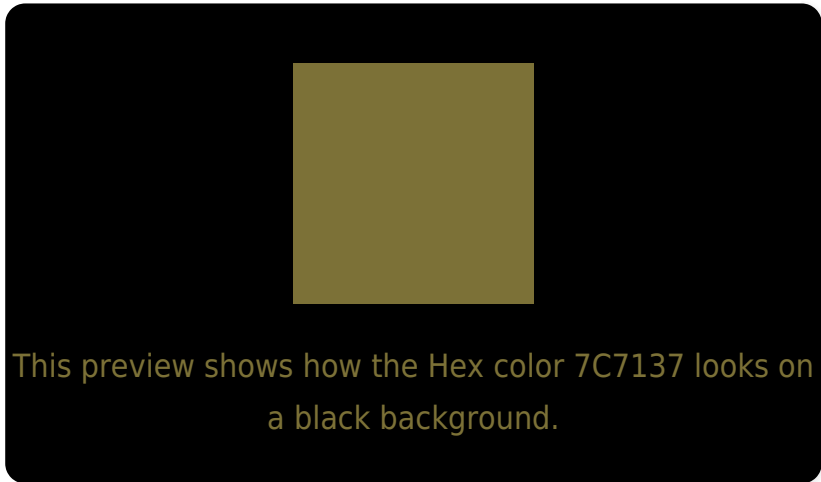
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

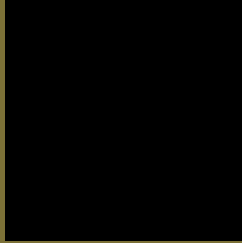
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 7C7137 Background



This preview shows how black text looks on a background with the Hex color 7C7137.



This preview shows how white text looks on a background with the Hex color 7C7137.

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
7C7137

Protanopia
7D7137

Deuteranopia
8B6B38



Tritanopia
826A73

Trichromacy



Original Color
7C7137

Protanomaly
7D7137

Deuteranomaly
866D38

Tritanomaly
806D5D

Monochromacy



Original Color
7C7137

Achromatopsia
6E6E6E

Achromatomaly
736F5A

CSS Examples

Text

The CSS property to change the color of the text to Hex 7C7137 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 #7C7137 looks like.

```
.text, #text, p{  
    color:#7C7137  
}
```

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 #7C7137 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C7137
}
```

Border

The CSS property to change the border of an element to Hex 7C7137 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
#7C7137 }
```

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

```
.border{ border-color:#7C7137 }
```

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

Here you see how a box with a 4 pixel #7C7137 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C7137; -webkit-box-shadow:4px 4px  
4px 4px #7C7137; box-shadow:4px 4px 4px  
4px #7C7137 }
```

Background

The CSS property to change the background color of an element to Hex 7C7137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C7137 }
```

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

```
.background{ background-color:#7C7137 }
```

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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