

Converting Colors

Hex(7A6137)

Have a look what the booklet for
Hex(7A6137) contains.

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Color

Hex(7A6137)

Conversions

Conversions Part 1

Format	Color
Hex	7A6137
RGB	122, 97, 55
RGB Percent	48%, 38%, 22%
CMY	0.5216, 0.6196, 0.7843
CMYK	0.00, 0.20, 0.55, 0.52
HSL	38°, 38%, 35%
HSV	38°, 55%, 48%
XYZ	12.9903, 12.9628, 5.4318
YIQ	99.6870, 28.3820, -7.7620

Conversions

Conversions Part 2

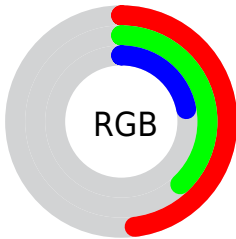
Format	Color
RYB	95, 122, 55
Decimal	8020279
CIELab	42.71, 4.50, 27.59
CIElCh	43, 27.959, 80.731
Yxy	12.9628, 0.4139, 0.4130
Android (android.graphics.Color)	4286210359 (0xFF7A6137)
YUV	99.6870, -22.0307, 19.5685
Hunter-Lab	36.0039, 1.3966, 16.2578

Details

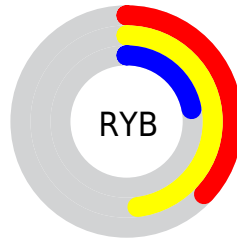
The Hex color **7A6137** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **37507A**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **B09367**, and **47330A** is the 20% darker color. If you saturate the color by 10%, you get **7A5C2B**, and if you desaturate by 10%, it is **7A6643**.

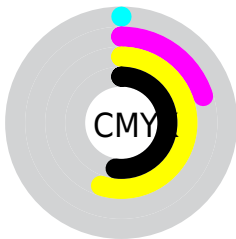
Distribution



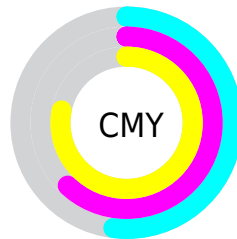
- Red (48%)
- Green (38%)
- Blue (22%)



- Red (37%)
- Yellow (48%)
- Blue (22%)



- Cyan (0%)
- Magenta (20%)
- Yellow (55%)
- Black (52%)



- Cyan (52%)
- Magenta (62%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A6137 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 7A6137 by changing the saturation by 10% instead.

 7A6137

 7A6137

FFFFFF

 604921

 B09367

 47330A

 CCAE80

 2F1E00

 E9C99A

 160600

 FFE5B5

 000000

 FFFFD1

 FFFFEE

 7A6137

 7A6137

 7A5C2B

 7A6643

■ 7A581F

■ 7A6A4F

■ 7A5312

■ 7A6F5C

■ 7A4F06

■ 7A7368

■ 7A4C00

■ 7A7874

■ 7A7C80

■ 7A818C

■ 7A8599

■ 7A8AA5

Harmonies

Analogous

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



8A5942



7A6137



646839

Triad

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



7A6137



007174



7B5982

Complementary

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



7A6137



37507A

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.



5D6290



7A6137



006F88

Square

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



7A6137



29715D



346992



8D536D

Rectangle

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



7A6137



526C41



346992



725C88

Sweetspot

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



7A6137



9E9585



7A3751



4F4940



CFCFCF



4F4F4F

Same Dimension

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



7A6137



9E7736



727A37



3D3B37



7D4E00



FC9E00

Inverse Universe

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



37507A



365D9E



3F377A



37393D



002F7D



005EFC

Previews

White Background



This preview shows how the Hex color 7A6137 looks on a white background.

Color Contrast Check

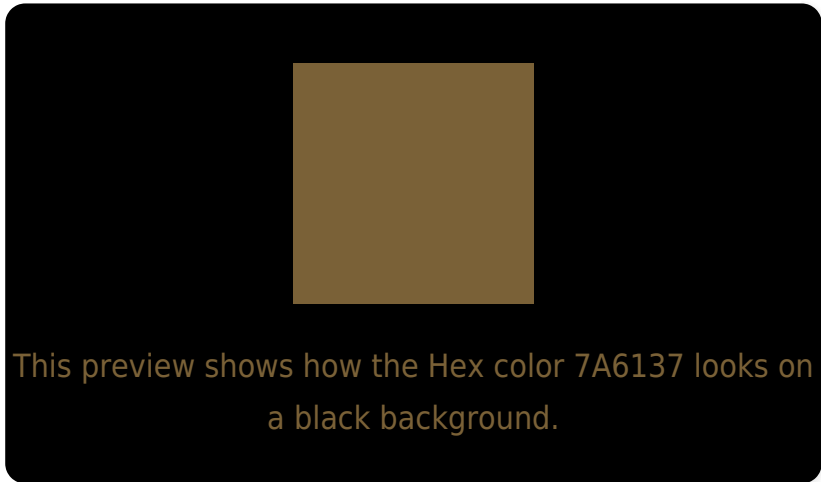
Large Text (above 18pt) WCAG AA ✓ Pass

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

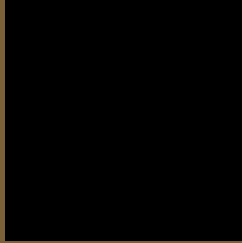
Any Text WCAG AA × Fail

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 7A6137 Background



This preview shows how black text looks on a background with the Hex color 7A6137.



This preview shows how white text looks on a background with the Hex color 7A6137.

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
7A6137

Protanopia
6F6538

Deuteranopia
7C6037



Tritanopia
7E5C63

Trichromacy



Original Color
7A6137

Protanomaly
736438

Deuteranomaly
7B6037

Tritanomaly
7D5E53

Monochromacy



Original Color
7A6137

Achromatopsia
646464

Achromatomaly
6C6354

CSS Examples

Text

The CSS property to change the color of the text to Hex 7A6137 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 #7A6137 looks like.

```
.text, #text, p{  
    color:#7A6137  
}
```

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 #7A6137 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A6137
}
```

Border

The CSS property to change the border of an element to Hex 7A6137 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
#7A6137 }
```

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

```
.border{ border-color:#7A6137 }
```

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

Here you see how a box with a 4 pixel #7A6137 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A6137; -webkit-box-shadow:4px 4px  
4px 4px #7A6137; box-shadow:4px 4px 4px  
4px #7A6137 }
```

Background

The CSS property to change the background color of an element to Hex 7A6137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A6137 }
```

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

```
.background{ background-color:#7A6137 }
```

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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