

Converting Colors

Hex(7D7233)

Have a look what the booklet for
Hex(7D7233) contains.

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Color

Hex(7D7233)

Conversions

Conversions Part 1

Format	Color
Hex	7D7233
RGB	125, 114, 51
RGB Percent	49%, 45%, 20%
CMY	0.5098, 0.5529, 0.8000
CMYK	0.00, 0.09, 0.59, 0.51
HSL	51°, 42%, 35%
HSV	51°, 59%, 49%
XYZ	15.0723, 16.6336, 5.5482
YIQ	110.1070, 26.7790, -17.2610

Conversions

Conversions Part 2

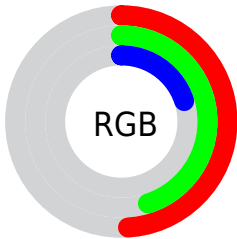
Format	Color
RYB	64, 125, 51
Decimal	8221235
CIELab	47.80, -4.34, 35.84
CIElCh	48, 36.107, 96.910
Yxy	16.6336, 0.4046, 0.4465
Android (android.graphics.Color)	4286411315 (0xFF7D7233)
YUV	110.1070, -29.1398, 13.0612
Hunter-Lab	40.7843, -5.4059, 20.4834

Details

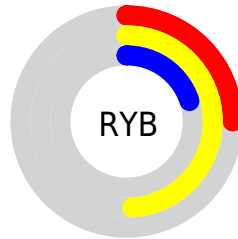
The Hex color **7D7233** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **333E7D**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **B3A664**, and **4A4202** is the 20% darker color. If you saturate the color by 10%, you get **7D7027**, and if you desaturate by 10%, it is **7D7440**.

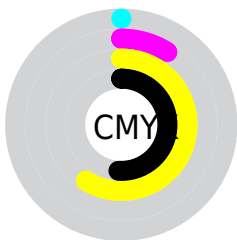
Distribution



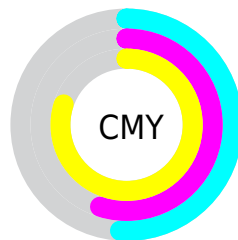
- Red (49%)
- Green (45%)
- Blue (20%)



- Red (25%)
- Yellow (49%)
- Blue (20%)



- Cyan (0%)
- Magenta (9%)
- Yellow (59%)
- Black (51%)



- Cyan (51%)
- Magenta (55%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7D7233 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 7D7233 by changing the saturation by 10% instead.

 7D7233

 7D7233

FFFFFF

 635A1B

 B3A664

 4A4202

 D0C17D

 322C00

 ECDD98

 191800

 FFF9B3

 000000

 FFFFCF

 FFFFEB

 7D7233

 7D7233

 7D7027

 7D7440

■ 7D6E1A

■ 7D764C

■ 7D6C0E

■ 7D7859

■ 7D6B01

■ 7D7965

■ 7D6A00

■ 7D7B72

■ 7D7D7E

■ 7D7F8B

■ 7D8197

■ 7D83A4

Harmonies

Analogous

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



976739



7D7233



5D7A3F

Triad

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



7D7233



008095



9D5C8A

Complementary

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



7D7233



333E7D

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.



7D67A2



7D7233



007BA9

Square

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



7D7233



008178



4B72AE



AA586B

Rectangle

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



7D7233



437E4F



4B72AE



945F93

Sweetspot

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



7D7233



A39F86



7D333E



524F40



D1D1D1



525252

Same Dimension

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



7D7233



A3922F



637D33



403F39



806D00



000000

Inverse Universe

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



333E7D



2F41A3



4D337D



393A40



001380



000000

Previews

White Background



This preview shows how the Hex color 7D7233 looks on a white background.

Color Contrast Check

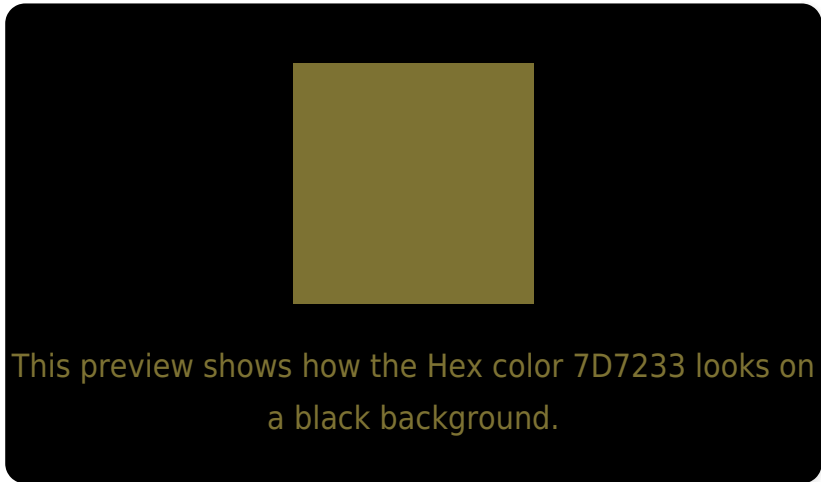
Large Text (above 18pt) WCAG AA ✓ Pass

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

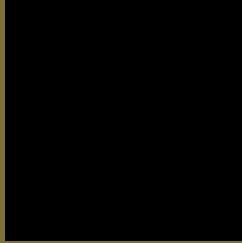
Any Text WCAG AA × Fail

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 7D7233 Background



This preview shows how black text looks on a background with the Hex color 7D7233.



This preview shows how white text looks on a background with the Hex color 7D7233.

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
7D7233

Protanopia
7E7233

Deuteranopia
8C6C35



Tritanopia
836B73

Trichromacy



Original Color
7D7233

Protanomaly
7E7233

Deuteranomaly
876E34

Tritanomaly
816E5C

Monochromacy



Original Color
7D7233

Achromatopsia
6E6E6E

Achromatomaly
736F59

CSS Examples

Text

The CSS property to change the color of the text to Hex 7D7233 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 #7D7233 looks like.

```
.text, #text, p{  
    color:#7D7233  
}
```

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 #7D7233 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D7233
}
```

Border

The CSS property to change the border of an element to Hex 7D7233 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
#7D7233 }
```

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

```
.border{ border-color:#7D7233 }
```

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

Here you see how a box with a 4 pixel #7D7233 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D7233; -webkit-box-shadow:4px 4px  
4px 4px #7D7233; box-shadow:4px 4px 4px  
4px #7D7233 }
```

Background

The CSS property to change the background color of an element to Hex 7D7233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D7233 }
```

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

```
.background{ background-color:#7D7233 }
```

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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