

Converting Colors

Hex(7B7253)

Have a look what the booklet for
Hex(7B7253) contains.

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Color

Hex(7B7253)

Conversions

Conversions Part 1

Format	Color
Hex	7B7253
RGB	123, 114, 83
RGB Percent	48%, 45%, 33%
CMY	0.5176, 0.5529, 0.6745
CMYK	0.00, 0.07, 0.33, 0.52
HSL	47°, 19%, 40%
HSV	47°, 33%, 48%
XYZ	15.7470, 16.8701, 10.6099
YIQ	113.1570, 15.3150, -7.7330

Conversions

Conversions Part 2

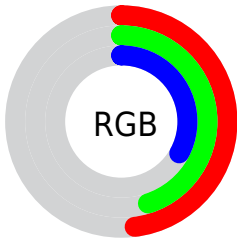
Format	Color
R_{YB}	95, 123, 83
Decimal	8090195
CIE Lab	48.10, -1.66, 18.48
CIE LCh	48, 18.551, 95.138
Yxy	16.8701, 0.3643, 0.3903
Android (android.graphics.Color)	4286280275 (0xFF7B7253)
YUV	113.1570, -14.8674, 8.6323
Hunter-Lab	41.0732, -3.4433, 13.4357

Details

The Hex color **7B7253** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **535C7B**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **B0A685**, and **494226** is the 20% darker color. If you saturate the color by 10%, you get **7B6F47**, and if you desaturate by 10%, it is **7B755F**.

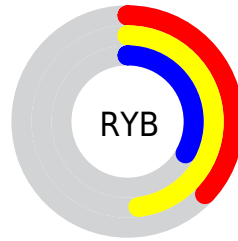
Distribution



Red (48%)

Green (45%)

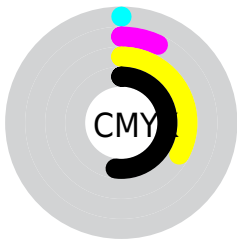
Blue (33%)



Red (37%)

Yellow (48%)

Blue (33%)

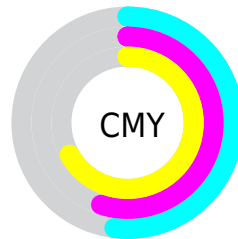


Cyan (0%)

Magenta (7%)

Yellow (33%)

Black (52%)



Cyan (52%)

Magenta (55%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B7253 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 7B7253 by changing the saturation by 10% instead.



7B7253



7B7253

FFFFFF



625A3C



B0A685



494226



CCC19F



322C11



E8DDBA



1D1800



FFF9D6



000000



FFFFF2



7B7253



7B7253



7B6F47



7B755F



7B6C3A



7B786C

 7B6A2E

 7B7A78

 7B6722

 7B7D84

 7B6416

 7B8091

 7B6109

 7B839D

 7B5F00

 7B85A9

 7B88B5

 7B8BC2

Harmonies

Analogous

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



896D56



7B7253



6A7758

Triad

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



7B7253



447A84



896980

Complementary

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



7B7253



535C7B

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.



786D8C



7B7253



4F778E

Square

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



7B7253



497B74



637391



916770

Rectangle

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



7B7253



5E7960



637391



846A84

Sweetspot

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



7B7253



A19D91



7B535C



524F48



D1D1D1



525252

Same Dimension

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



7B7253



A19362



707B53



3D3C37



7D6100



FCC400

Inverse Universe

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



535C7B



6270A1



5E537B



37383D



001C7D



0039FC

Previews

White Background



This preview shows how the Hex color 7B7253 looks on a white background.

Color Contrast Check

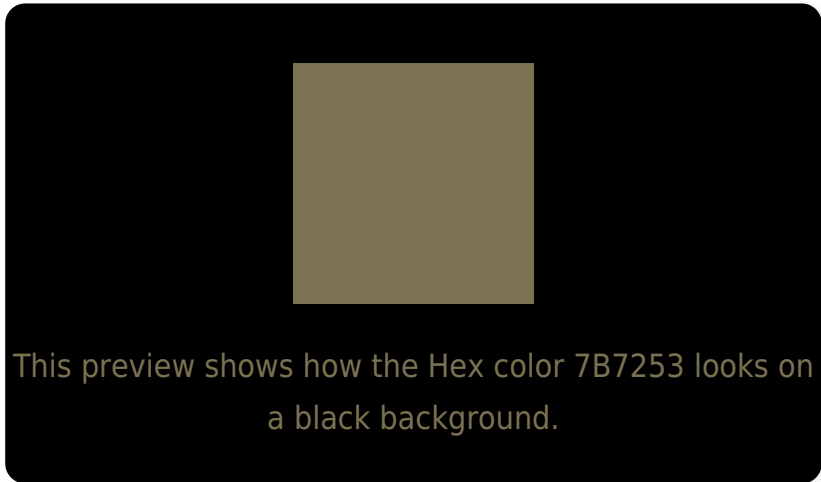
Large Text (above 18pt) WCAG AA ✓ Pass

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

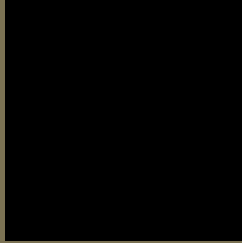
Any Text WCAG AA × Fail

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 7B7253 Background



This preview shows how black text looks on a background with the Hex color 7B7253.



This preview shows how white text looks on a background with the Hex color 7B7253.

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

7B7253

Protanopia

7B7253

Deuteranopia

876D54



Tritanopia
7F6D76

Trichromacy



Original Color
7B7253

Protanomaly
7B7253

Deuteranomaly
836F54

Tritanomaly
7E6F69

Monochromacy



Original Color
7B7253

Achromatopsia
717171

Achromatomaly
757166

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B7253 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 #7B7253 looks like.

```
.text, #text, p{  
    color:#7B7253  
}
```

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 #7B7253 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B7253
}
```

Border

The CSS property to change the border of an element to Hex 7B7253 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
#7B7253 }
```

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

```
.border{ border-color:#7B7253 }
```

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

Here you see how a box with a 4 pixel #7B7253 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B7253; -webkit-box-shadow:4px 4px  
4px 4px #7B7253; box-shadow:4px 4px 4px  
4px #7B7253 }
```

Background

The CSS property to change the background color of an element to Hex 7B7253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B7253 }
```

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

```
.background{ background-color:#7B7253 }
```

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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