

Converting Colors

Hex(7B8353)

Have a look what the booklet for
Hex(7B8353) contains.

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Color

Hex(7B8353)

Conversions

Conversions Part 1

Format	Color
Hex	7B8353
RGB	123, 131, 83
RGB Percent	48%, 51%, 33%
CMY	0.5176, 0.4863, 0.6745
CMYK	0.06, 0.00, 0.37, 0.49
HSL	70°, 22%, 42%
HSV	70°, 37%, 51%
XYZ	17.8460, 21.0681, 11.3096
YIQ	123.1360, 10.6400, -16.6240

Conversions

Conversions Part 2

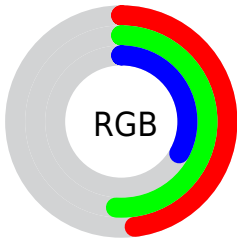
Format	Color
RYB	83, 131, 91
Decimal	8094547
CIELab	53.02, -11.21, 24.99
CIElCh	53, 27.390, 114.150
Yxy	21.0681, 0.3553, 0.4195
Android (android.graphics.Color)	4286284627 (0xFF7B8353)
YUV	123.1360, -19.7870, -0.1193
Hunter-Lab	45.9000, -10.9238, 17.5212

Details

The Hex color **7B8353** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **5B5383**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **B0B885**, and **495225** is the 20% darker color. If you saturate the color by 10%, you get **798346**, and if you desaturate by 10%, it is **7D8360**.

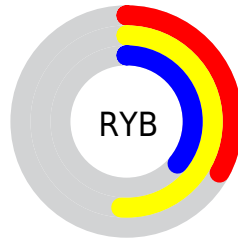
Distribution



Red (48%)

Green (51%)

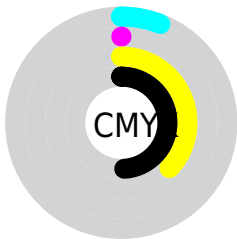
Blue (33%)



Red (33%)

Yellow (51%)

Blue (36%)

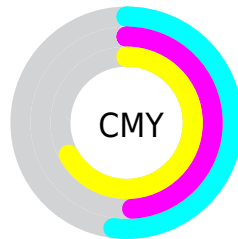


Cyan (6%)

Magenta (0%)

Yellow (37%)

Black (49%)



Cyan (52%)

Magenta (49%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B8353 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 7B8353 by changing the saturation by 10% instead.



7B8353



7B8353

FFFFFF



626A3B



B0B885



495225



CCD49F



323B0F



E8F0BB



1D2500



FFFFD6



001200



FFFFFF3



000000



7B8353



7B8353



798346



7D8360



778339



7F836D

 74832C

 82837A

 72831F

 848387

 708312

 868394

 6E8304

 8883A2

 6D8300

 8A83AF

 8C83BC

 8F83C9

Harmonies

Analogous

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



937C50



7B8353



608862

Triad

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



7B8353



3488A4



A96D84

Complementary

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



7B8353



5B5383

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.



98729A



7B8353



5782AD

Square

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



7B8353



2C8B91



7B7AA9



AD6E6D

Rectangle

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



7B8353



4D8A71



7B7AA9



A56E8C

Sweetspot

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



7B8353



A8AB98



835B53



55574B



D6D6D6



575757

Same Dimension

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



7B8353



9EAB60



648353



41423C



6C8200



020300

Inverse Universe

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



5B5383



6C60AB



735383



3D3C42



160082



000003

Previews

White Background



This preview shows how the Hex color 7B8353 looks on a white background.

Color Contrast Check

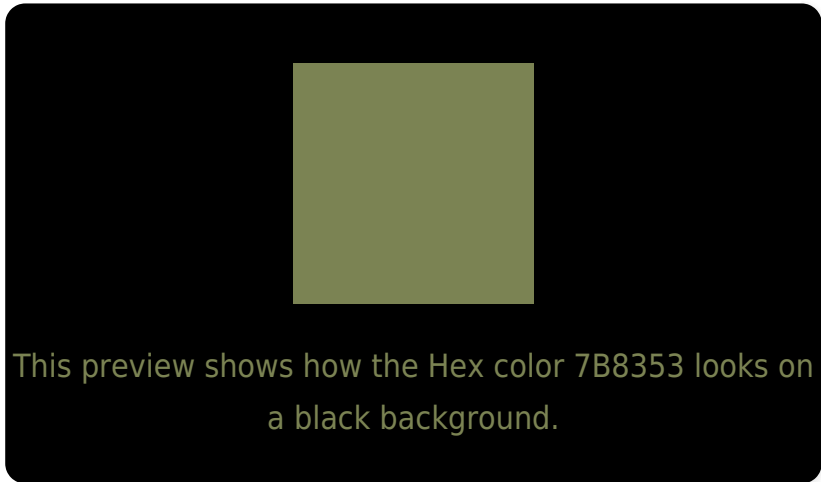
Large Text (above 18pt) WCAG AA ✓ Pass

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

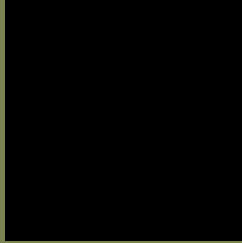
Any Text WCAG AA ✓ Pass

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 7B8353 Background



This preview shows how black text looks on a background with the Hex color 7B8353.



This preview shows how white text looks on a background with the Hex color 7B8353.

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
7B8353

Protanopia
8A7E51

Deuteranopia
977955



Tritanopia
817D87

Trichromacy



Original Color
7B8353

Protanomaly
858052

Deuteranomaly
8D7D54

Tritanomaly
7F7F74

Monochromacy



Original Color
7B8353

Achromatopsia
7B7B7B

Achromatomaly
7B7E6C

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B8353 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 #7B8353 looks like.

```
.text, #text, p{  
    color:#7B8353  
}
```

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 #7B8353 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B8353
}
```

Border

The CSS property to change the border of an element to Hex 7B8353 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
#7B8353 }
```

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

```
.border{ border-color:#7B8353 }
```

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

Here you see how a box with a 4 pixel #7B8353 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B8353; -webkit-box-shadow:4px 4px  
4px 4px #7B8353; box-shadow:4px 4px 4px  
4px #7B8353 }
```

Background

The CSS property to change the background color of an element to Hex 7B8353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B8353 }
```

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

```
.background{ background-color:#7B8353 }
```

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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