

# Converting Colors

Hex(7B6553)

Have a look what the booklet for  
Hex(7B6553) contains.

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**Color**

**Hex(7B6553)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7B6553
RGB	123, 101, 83
RGB Percent	48%, 40%, 33%
CMY	0.5176, 0.6039, 0.6745
CMYK	0.00, 0.18, 0.33, 0.52
HSL	27°, 19%, 40%
HSV	27°, 33%, 48%
XYZ	14.3834, 14.1428, 10.1554
YIQ	105.5260, 18.8900, -0.9340

# Conversions

## Conversions Part 2

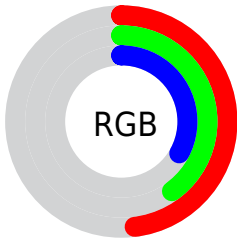
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	123, 116, 83
Decimal	8086867
CIE Lab	44.44, 5.94, 13.50
CIE LCh	44, 14.751, 66.245
Yxy	14.1428, 0.3718, 0.3656
Android (android.graphics.Color)	4286276947 (0xFF7B6553)
YUV	105.5260, -11.1053, 15.3247
Hunter-Lab	37.6070, 2.4580, 10.3142

# Details

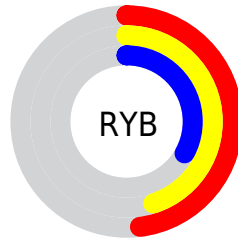
The Hex color **7B6553** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **53697B**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **B09885**, and **493626** is the 20% darker color. If you saturate the color by 10%, you get **7B5E47**, and if you desaturate by 10%, it is **7B6C5F**.

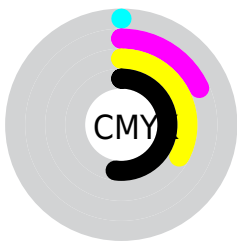
# Distribution



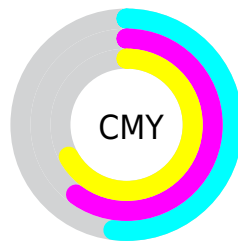
- Red (48%)
- Green (40%)
- Blue (33%)



- Red (48%)
- Yellow (45%)
- Blue (33%)



- Cyan (0%)
- Magenta (18%)
- Yellow (33%)
- Black (52%)



- Cyan (52%)
- Magenta (60%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B6553 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 7B6553 by changing the saturation by 10% instead.



 7B6553

 7B6553

FFFFFF

 624D3C

 B09885

 493626

 CCB39F

 322111

 E8CEBA

 1D0B00

 FFEAD5

 000000

 FFFFF2

 7B6553

 7B6553

 7B5E47

 7B6C5F

 7B573A

 7B736C

 7B512E

 7B7978

 7B4A22

 7B8084

 7B4316

 7B8791

 7B3C09

 7B8E9D

 7B3700

 7B94A9

 7B9BB5

 7BA2C2

# Harmonies

## Analogous

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



82625B



7B6553



706951

# Triad

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



7B6553



4A706B



6E657D

# Complementary

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



7B6553



53697B

# 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.



5E6981



7B6553



476F77

# Square

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



7B6553



546F5F



4F6D7F



7B6273

# Rectangle

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



7B6553



676C53



4F6D7F



69667F



# Sweetspot

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



7B6553



A19891



7B5369



524C48



D1D1D1



525252



# Same Dimension

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



7B6553



A17E62



7B7853



3D3A37



7D3800



FC7200



# Inverse Universe

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



53697B



6284A1



53557B



373A3D



00457D



008BFC



# Previews

## White Background



This preview shows how the Hex color 7B6553 looks on a white background.

## Color Contrast Check

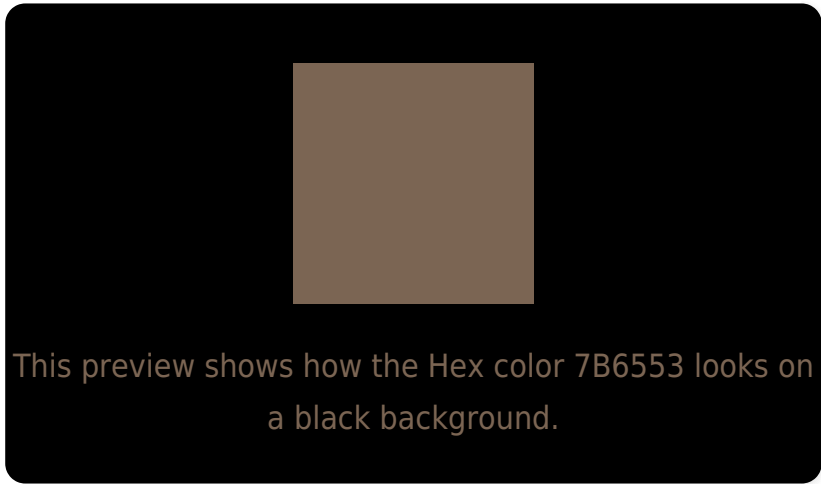
Large Text (above 18pt) WCAG AA ✓ Pass

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

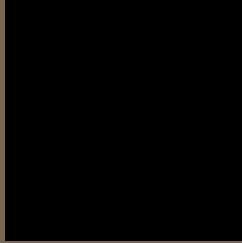
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7B6553 Background



This preview shows how black text looks on a background with the Hex color 7B6553.



This preview shows how white text looks on a background with the Hex color 7B6553.

# 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**

7B6553

**Protanopia**

706955

**Deuteranopia**

7B6553



**Tritanopia**  
7D6269

# Trichromacy



**Original Color**  
7B6553

**Protanomaly**  
746854

**Deuteranomaly**  
7B6553

**Tritanomaly**  
7C6361

# Monochromacy



**Original Color**  
7B6553

**Achromatopsia**  
6A6A6A

**Achromatomaly**  
706862

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B6553 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 #7B6553 looks like.

```
.text, #text, p{  
    color:#7B6553  
}
```

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 #7B6553 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B6553
}
```

## Border

The CSS property to change the border of an element to Hex 7B6553 is called "border". The border property can be set on classes, ids or directly on the HTML element.

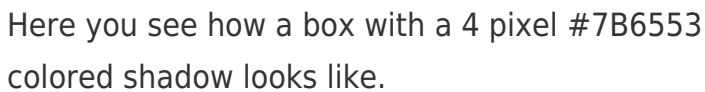
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B6553 }
```

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

```
.border{ border-color:#7B6553 }
```

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



Here you see how a box with a 4 pixel #7B6553 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B6553; -webkit-box-shadow:4px 4px  
4px 4px #7B6553; box-shadow:4px 4px 4px  
4px #7B6553 }
```

# Background

The CSS property to change the background color of an element to Hex 7B6553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B6553 }
```

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

```
.background{ background-color:#7B6553 }
```

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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