

Converting Colors

Decimal(7687750)

Have a look what the booklet for
Decimal(7687750) contains.

Decimal(7687750)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(7687750)

Conversions

Conversions Part 1

Format	Color
Hex	754E46
RGB	117, 78, 70
RGB Percent	46%, 31%, 27%
CMY	0.5412, 0.6941, 0.7255
CMYK	0.00, 0.33, 0.40, 0.54
HSL	10°, 25%, 37%
HSV	10°, 40%, 46%
XYZ	11.1660, 9.6729, 7.0729
YIQ	88.7490, 25.8120, 5.7800

Conversions

Conversions Part 2

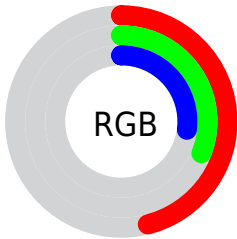
Format	Color
RYB	117, 80, 70
Decimal	7687750
CIELab	37.25, 15.36, 11.41
CIELCh	37, 19.135, 36.607
Yxy	9.6729, 0.4000, 0.3466
Android (android.graphics.Color)	4285877830 (0xFF754E46)
YUV	88.7490, -9.2433, 24.7761
Hunter-Lab	31.1013, 9.6580, 8.2874

Details

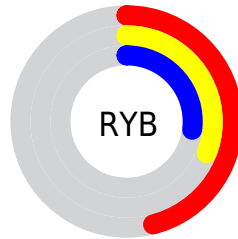
The Decimal color **7687750** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **4615541**, and the grayscale version is **5855577**.

A 20% lighter version of the original color is **11173750**, and **4399387** is the 20% darker color. If you saturate the color by 10%, you get **7685178**, and if you desaturate by 10%, it is **7690322**.

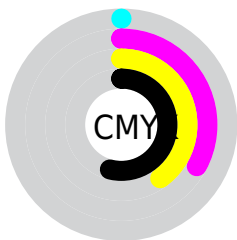
Distribution



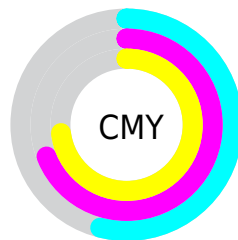
- Red (46%)
- Green (31%)
- Blue (27%)



- Red (46%)
- Yellow (31%)
- Blue (27%)



- Cyan (0%)
- Magenta (33%)
- Yellow (40%)
- Black (54%)



- Cyan (54%)
- Magenta (69%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7687750 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 Decimal color 7687750 by changing the saturation by 10% instead.

■ 7687750

■ 7687750

16777215

■ 5977904

■ 11173750

■ 4399387

■ 13015440

■ 2886656

■ 14922922

■ 589824

■ 16765126

■ 0

■ 16772322

16777214

■ 7687750

■ 7687750

■ 7685178

■ 7690322

■ 7682863

■ 7692637

■ 7680291

■ 7695209

■ 7677719

■ 7697781

■ 7675148

■ 7700353

■ 7672832

■ 7702668

■ 7705240

■ 7707812

■ 7710127

Harmonies

Analogous

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



7752789



7687750



7164732

Triad

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



7687750



3956555



4741238

Complementary

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



7687750



4615541

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.



3300724



7687750



2908251

Square

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



7687750



5135422



2449257



6181488

Rectangle

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



7687750



6575673



2449257



4282998

Sweetspot

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



7687750



10062471



7685741



5063746



13421772



5066061

Same Dimension

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



7687750



10050640



7693638



3880501



8000768



16395008

Inverse Universe

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



4615541



5278873



4609653



3488315



26234



53242

Previews

White Background



This preview shows how the Decimal color 7687750 looks on a white background.

Color Contrast Check

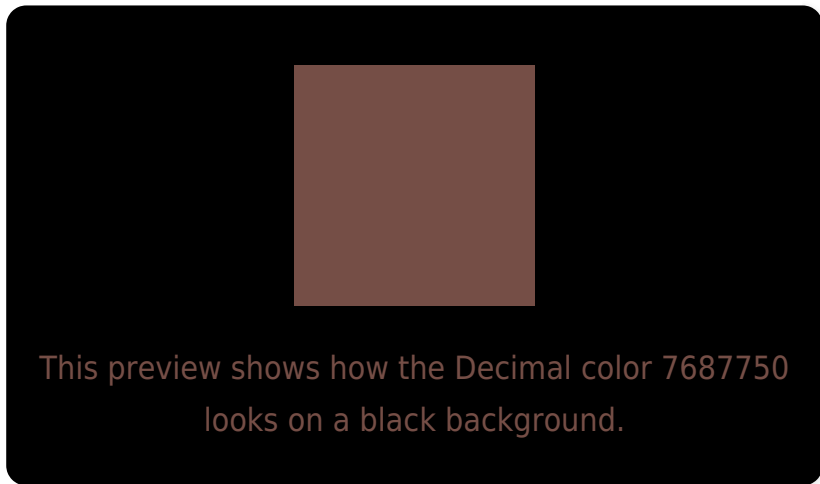
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

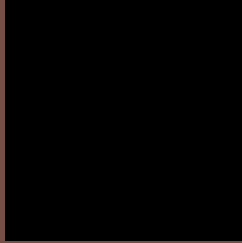
Any Text WCAG AA × Fail

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](#).

Decimal 7687750 Background



This preview shows how black text looks on a background with the Decimal color 7687750.

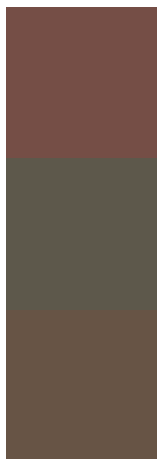


This preview shows how white text looks on a background with the Decimal color 7687750.

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


7687750

Protanopia

6117451

Deuteranopia

6771781



Tritanopia
7752786

Trichromacy



Original Color
7687750

Protanomaly
6706249

Deuteranomaly
7098949

Tritanomaly
7753038

Monochromacy



Original Color
7687750

Achromatopsia
5855577

Achromatomaly
6509906

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7687750 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 #754E46 looks like.

```
.text, #text, p{  
  color:#754E46  
}
```

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 #754E46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #754E46
}
```

Border

The CSS property to change the border of an element to Decimal 7687750 is called "border". The border property can be set on classes, ids or directly on the HTML element.

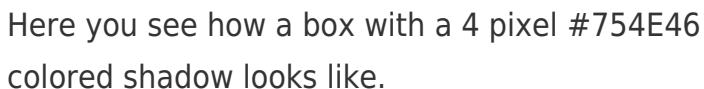
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#754E46 }
```

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

```
.border{ border-color:#754E46 }
```

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



Here you see how a box with a 4 pixel #754E46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #754E46; -webkit-box-shadow:4px 4px  
4px 4px #754E46; box-shadow:4px 4px 4px  
4px #754E46 }
```

Background

The CSS property to change the background color of an element to Decimal 7687750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#754E46 }
```

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

```
.background{ background-color:#754E46 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor