

# Converting Colors

Decimal(7690830)

Have a look what the booklet for  
Decimal(7690830) contains.

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# Color

**Decimal(7690830)**

# Conversions

## Conversions Part 1

Format	Color
Hex	755A4E
RGB	117, 90, 78
RGB Percent	46%, 35%, 31%
CMY	0.5412, 0.6471, 0.6941
CMYK	0.00, 0.23, 0.33, 0.54
HSL	18°, 20%, 38%
HSV	18°, 33%, 46%
XYZ	12.3674, 11.6443, 8.8035
YIQ	96.7050, 19.9440, 1.9920

# Conversions

## Conversions Part 2

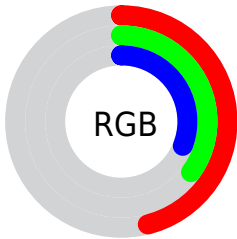
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 95, 78
Decimal	7690830
CIE Lab	40.65, 9.21, 11.18
CIE LCh	41, 14.484, 50.531
Yxy	11.6443, 0.3769, 0.3548
Android (android.graphics.Color)	4285880910 (0xFF755A4E)
YUV	96.7050, -9.2216, 17.7987
Hunter-Lab	34.1237, 4.9770, 8.5906

# Details

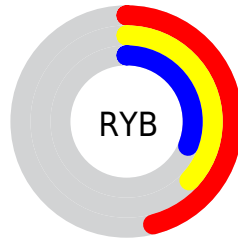
The Decimal color **7690830** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **5138805**, and the grayscale version is **6381921**.

A 20% lighter version of the original color is **11177087**, and **4467746** is the 20% darker color. If you saturate the color by 10%, you get **7688770**, and if you desaturate by 10%, it is **7692890**.

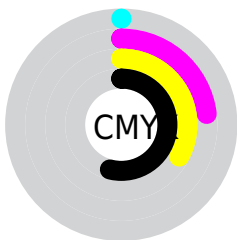
# Distribution



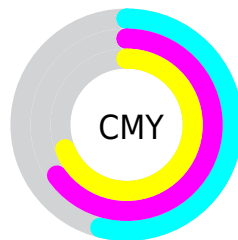
- Red (46%)
- Green (35%)
- Blue (31%)



- Red (46%)
- Yellow (37%)
- Blue (31%)



- Cyan (0%)
- Magenta (23%)
- Yellow (33%)
- Black (54%)



- Cyan (54%)
- Magenta (65%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7690830 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 7690830 by changing the saturation by 10% instead.





7690830



7690830

16777215



6046519



11177087



4467746



12953241



2955276



14860980



1507328



16768719



0



16775916



7690830



7690830



7688770



7692890



7686711



7694949

■ 7684651

■ 7697009

■ 7682591

■ 7699069

■ 7680532

■ 7701385

■ 7678216

■ 7703444

■ 7676928

■ 7705504

■ 7707564

■ 7709623

# Harmonies

## Analogous

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



7886936



7690830



7102025

# Triad

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



7690830



4613724



6119030

# Complementary

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



7690830



5138805

# 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.



5071479



7690830



4154984

# Square

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



7690830



5465424



4285810



7035503

# Rectangle

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



7690830



6578249



4285810



5726071



# Sweetspot

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



7690830



10063498



7687785



5064259



13421772



5066061



# Same Dimension

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



7690830



10055516



7695694



3880757



8005120



16403712



# Inverse Universe

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



5138805



6063769



5133941



3488059



21882



44538



# Previews

## White Background



This preview shows how the Decimal color 7690830 looks on a white background.

## Color Contrast Check

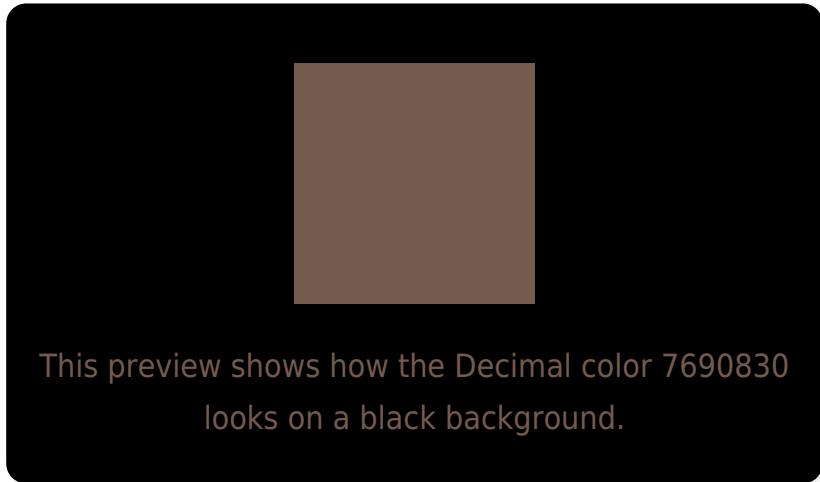
Large Text (above 18pt) WCAG AA ✓ Pass

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](#).



## Decimal 7690830 Background



This preview shows how black text looks on a background with the Decimal color 7690830.



This preview shows how white text looks on a background with the Decimal color 7690830.

# 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**


7690830

**Protanopia**

6643793

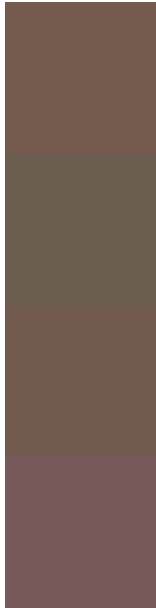
**Deuteranopia**

7363662



**Tritanopia**  
7821406

# Trichromacy



**Original Color**  
7690830

**Protanomaly**  
7036496

**Deuteranomaly**  
7494478

**Tritanomaly**  
7756120

# Monochromacy



**Original Color**  
7690830

**Achromatopsia**  
6381921

**Achromatomaly**  
6839898

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7690830 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 #755A4E looks like.

```
.text, #text, p{  
    color:#755A4E  
}
```

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 #755A4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #755A4E
}
```

## Border

The CSS property to change the border of an element to Decimal 7690830 is called "border". The border property can be set on classes, ids or directly on the HTML element.

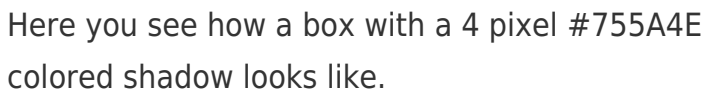
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#755A4E }
```

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

```
.border{ border-color:#755A4E }
```

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



Here you see how a box with a 4 pixel #755A4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #755A4E; -webkit-box-shadow:4px 4px  
4px 4px #755A4E; box-shadow:4px 4px 4px  
4px #755A4E }
```

# Background

The CSS property to change the background color of an element to Decimal 7690830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#755A4E }
```

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

```
.background{ background-color:#755A4E }
```

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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