

# Converting Colors

Decimal(7690309)

Have a look what the booklet for  
Decimal(7690309) contains.

<b>Decimal(7690309)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Decimal(7690309)**

# Conversions

## Conversions Part 1

Format	Color
Hex	755845
RGB	117, 88, 69
RGB Percent	46%, 35%, 27%
CMY	0.5412, 0.6549, 0.7294
CMYK	0.00, 0.25, 0.41, 0.54
HSL	24°, 26%, 36%
HSV	24°, 41%, 46%
XYZ	11.9000, 11.1910, 7.1631
YIQ	94.5050, 23.3830, 0.2390

# Conversions

## Conversions Part 2

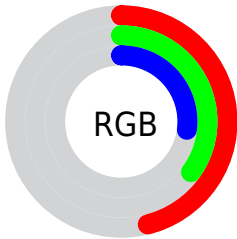
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 100, 69
Decimal	7690309
CIE <sub>Lab</sub>	39.90, 9.18, 15.64
CIE <sub>LCh</sub>	40, 18.139, 59.580
Yxy	11.1910, 0.3933, 0.3699
Android (android.graphics.Color)	4285880389 (0xFF755845)
YUV	94.5050, -12.5740, 19.7281
Hunter-Lab	33.4530, 4.9539, 10.7216

# Details

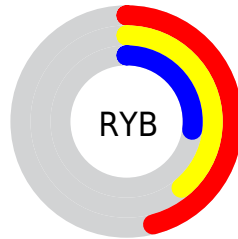
The Decimal color **7690309** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **4547189**, and the grayscale version is **6250335**.

A 20% lighter version of the original color is **11176565**, and **4401946** is the 20% darker color. If you saturate the color by 10%, you get **7688505**, and if you desaturate by 10%, it is **7692113**.

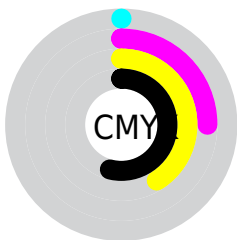
# Distribution



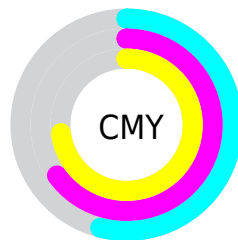
- Red (46%)
- Green (35%)
- Blue (27%)



- Red (46%)
- Yellow (39%)
- Blue (27%)



- Cyan (0%)
- Magenta (25%)
- Yellow (41%)
- Black (54%)



- Cyan (54%)
- Magenta (65%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7690309 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 7690309 by changing the saturation by 10% instead.





7690309



7690309

16777215



6045999



11176565



4401946



13018255



2954752



14860201



1310720



16767941



0



16775393

16777213



7690309



7690309



7688505



7692113

■ 7686702

■ 7693916

■ 7684898

■ 7695720

■ 7683094

■ 7697524

■ 7681291

■ 7699328

■ 7679488

■ 7701131

■ 7702935

■ 7704995

■ 7706798

# Harmonies

## Analogous

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



8082512



7690309



6905152

# Triad

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



7690309



3696221



6314616

# Complementary

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



7690309



4547189

# 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.



4939643



7690309



3171948

# Square

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



7690309



4744527



3695735



7427693

# Rectangle

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



7690309



6250562



3695735



5856378



# Sweetspot

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



7690309



10063495



7685475



5064258



13421772



5066061



# Same Dimension

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



7690309



10054734



7696197



3880757



8007680



16409344



# Inverse Universe

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



4547189



5143449



4541301



3487803



19066

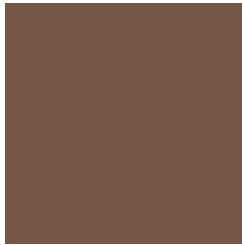


38906



# Previews

## White Background



This preview shows how the Decimal color 7690309 looks on a white background.

## Color Contrast Check

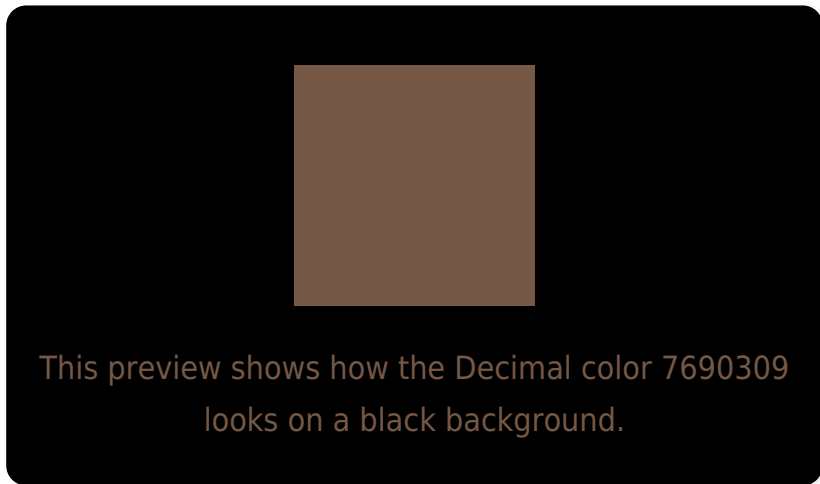
Large Text (above 18pt) WCAG AA ✓ Pass

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

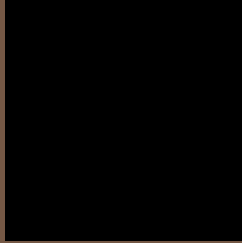
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 7690309 Background



This preview shows how black text looks on a background with the Decimal color 7690309.



This preview shows how white text looks on a background with the Decimal color 7690309.

# 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**


7690309

**Protanopia**

6643272

**Deuteranopia**

7363141



**Tritanopia**  
7820635

# Trichromacy



**Original Color**  
7690309

**Protanomaly**  
7035975

**Deuteranomaly**  
7493957

**Tritanomaly**  
7755347

# Monochromacy



**Original Color**  
7690309

**Achromatopsia**  
6250335

**Achromatomaly**  
6773846

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7690309 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 #755845 looks like.

```
.text, #text, p{  
  color:#755845  
}
```

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 #755845 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #755845
}
```

## Border

The CSS property to change the border of an element to Decimal 7690309 is called "border". The border property can be set on classes, ids or directly on the HTML element.

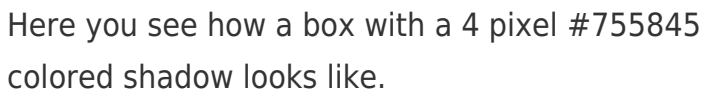
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#755845 }
```

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

```
.border{ border-color:#755845 }
```

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



Here you see how a box with a 4 pixel #755845 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #755845; -webkit-box-shadow:4px 4px  
4px 4px #755845; box-shadow:4px 4px 4px  
4px #755845 }
```

# Background

The CSS property to change the background color of an element to Decimal 7690309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#755845 }
```

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

```
.background{ background-color:#755845 }
```

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