

# Converting Colors

Decimal(7689318)

Have a look what the booklet for  
Decimal(7689318) contains.

<b>Decimal(7689318)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(7689318)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	755466
RGB	117, 84, 102
RGB Percent	46%, 33%, 40%
CMY	0.5412, 0.6706, 0.6000
CMYK	0.00, 0.28, 0.13, 0.54
HSL	327°, 16%, 39%
HSV	327°, 28%, 46%
XYZ	12.9047, 11.0819, 14.0292
YIQ	95.9190, 13.8900, 12.5940

# Conversions

## Conversions Part 2

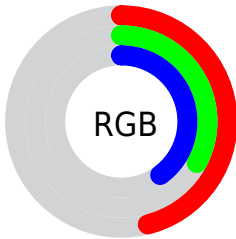
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 84, 102
Decimal	7689318
CIE Lab	39.72, 16.82, -4.95
CIE LCh	40, 17.534, 343.602
Yxy	11.0819, 0.3395, 0.2915
Android (android.graphics.Color)	4285879398 (0xFF755466)
YUV	95.9190, 2.9979, 18.4880
Hunter-Lab	33.2894, 10.9394, -1.6841

# Details

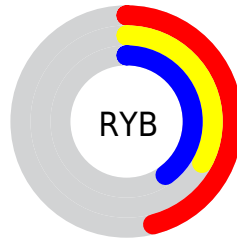
The Decimal color **7689318** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **5535075**, and the grayscale version is **6316128**.

A 20% lighter version of the original color is **11175577**, and **4466231** is the 20% darker color. If you saturate the color by 10%, you get **7686241**, and if you desaturate by 10%, it is **7692395**.

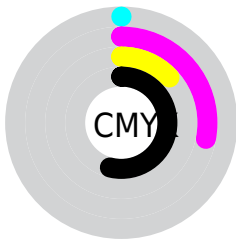
# Distribution



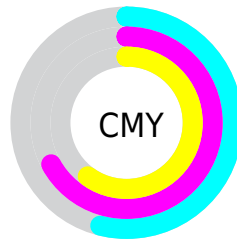
- Red (46%)
- Green (33%)
- Blue (40%)



- Red (46%)
- Yellow (33%)
- Blue (40%)



- Cyan (0%)
- Magenta (28%)
- Yellow (13%)
- Black (54%)



- Cyan (54%)
- Magenta (67%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7689318 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 7689318 by changing the saturation by 10% instead.



7689318

7689318

16777215

6045006

11175577

4466231

12951732

2953506

14793679

1769484

16701419

0

16774399

7689318

7689318

7686241

7692395

7683419

7695217

7680342

7698294

7677265

7701371

7674187

7704449

7671366

7707270

7668289

7710347

7667776

7713425

7716246

# Harmonies

## Analogous

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



6838386



7689318



8016727

# Triad

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



7689318



6381378



3433585

# Complementary

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



7689318



5535075

# 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.



3499620



7689318



5333833

# Square

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



7689318



7297602



4285781



4284793

# Rectangle

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



7689318



8016974



4285781



3302765



# Sweetspot

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



7689318



10063251



6509685



5064009



13421772



5066061



# Same Dimension

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



7689318



10052993



7689302



3880248



7995459



16384136



# Inverse Universe

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



7689318



10052993



5535091



3880248



7995459

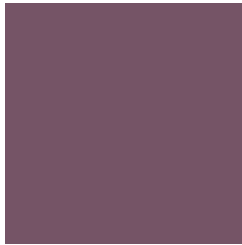


16384136



# Previews

## White Background



This preview shows how the Decimal color 7689318 looks on a white background.

## Color Contrast Check

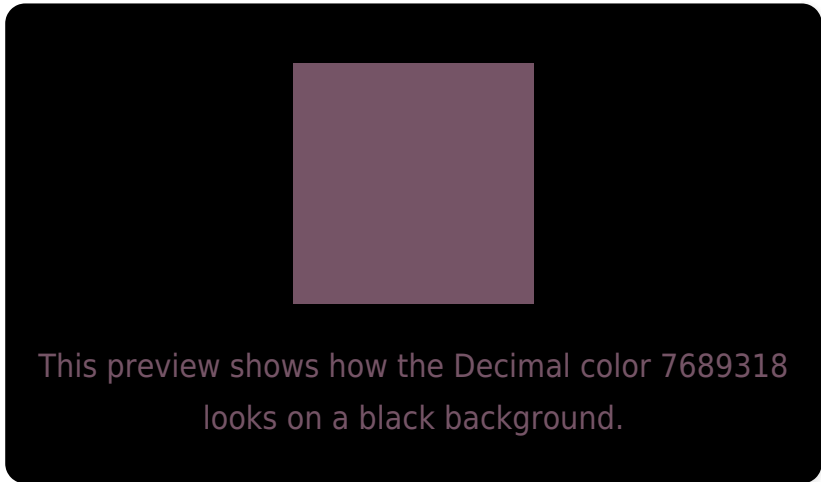
Large Text (above 18pt) WCAG AA ✓ Pass

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

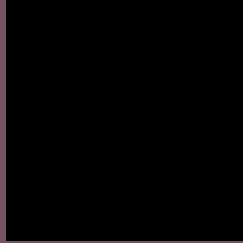
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 7689318 Background



This preview shows how black text looks on a background with the Decimal color 7689318.



This preview shows how white text looks on a background with the Decimal color 7689318.

# 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**  
7689318

**Protanopia**  
5987692

**Deuteranopia**  
6576997



**Tritanopia**  
7624284

# Trichromacy



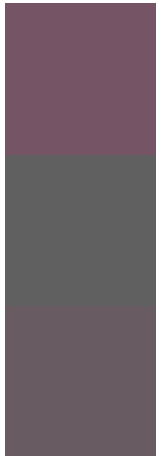
**Original Color**  
7689318

**Protanomaly**  
6576746

**Deuteranomaly**  
6969445

**Tritanomaly**  
7624032

# Monochromacy



**Original Color**  
7689318

**Achromatopsia**  
6316128

**Achromatomaly**  
6839394

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7689318 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 #755466 looks like.

```
.text, #text, p{  
    color:#755466  
}
```

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 #755466 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #755466
}
```

## Border

The CSS property to change the border of an element to Decimal 7689318 is called "border". The border property can be set on classes, ids or directly on the HTML element.

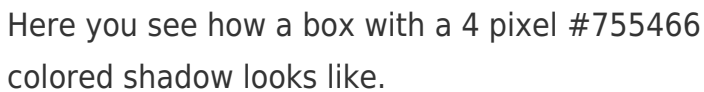
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#755466 }
```

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

```
.border{ border-color:#755466 }
```

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



Here you see how a box with a 4 pixel #755466 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #755466; -webkit-box-shadow:4px 4px  
4px 4px #755466; box-shadow:4px 4px 4px  
4px #755466 }
```

# Background

The CSS property to change the background color of an element to Decimal 7689318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#755466 }
```

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

```
.background{ background-color:#755466 }
```

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