

# Converting Colors

Decimal(7758691)

Have a look what the booklet for  
Decimal(7758691) contains.

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# Color

**Decimal(7758691)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	766363
RGB	118, 99, 99
RGB Percent	46%, 39%, 39%
CMY	0.5373, 0.6118, 0.6118
CMYK	0.00, 0.16, 0.16, 0.54
HSL	0°, 9%, 43%
HSV	0°, 16%, 46%
XYZ	14.1852, 13.6761, 13.6965
YIQ	104.6810, 11.3240, 4.0280

# Conversions

## Conversions Part 2

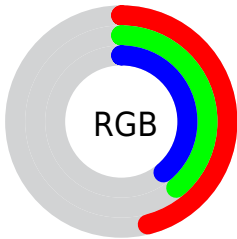
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	118, 99, 99
Decimal	7758691
CIE Lab	43.76, 7.61, 2.83
CIE LCh	44, 8.121, 20.412
Yxy	13.6761, 0.3413, 0.3291
Android (android.graphics.Color)	4285948771 (0xFF766363)
YUV	104.6810, -2.8007, 11.6808
Hunter-Lab	36.9812, 3.7517, 3.9280

# Details

The Decimal color **7758691** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6518390**, and the grayscale version is **6908265**.

A 20% lighter version of the original color is **11179670**, and **4535349** is the 20% darker color. If you saturate the color by 10%, you get **7755607**, and if you desaturate by 10%, it is **7761775**.

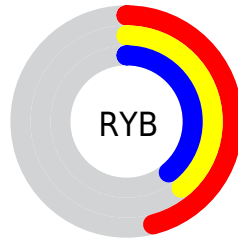
# Distribution



Red (46%)

Green (39%)

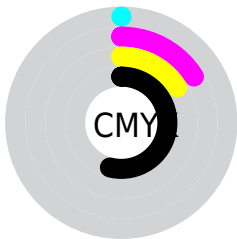
Blue (39%)



Red (46%)

Yellow (39%)

Blue (39%)

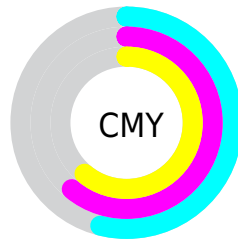


Cyan (0%)

Magenta (16%)

Yellow (16%)

Black (54%)



Cyan (54%)

Magenta (61%)

Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7758691 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 7758691 by changing the saturation by 10% instead.





7758691



7758691

16777215



6114123



11179670



4535349



13021360



3088159



14863564



1771527



16771304



0



7758691



7758691



7755607



7761775



7752523



7764859



7749696



7767686

■ 7746612

■ 7770770

■ 7743528

■ 7773854

■ 7740444

■ 7776938

■ 7737360

■ 7780022

■ 7734533

■ 7782849

■ 7733248

■ 7785933

# Harmonies

## Analogous

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



7627626



7758691



7627869

# Triad

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



7758691



6318687



6187380

# Complementary

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



7758691



6518390

# 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.



5794418



7758691



5925733

# Square

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



7758691



6842459



5729132



6710900

# Rectangle

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



7758691



7431515



5729132



5990772



# Sweetspot

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



7758691



10064273



7758710



5064776



13421772



5066061



# Same Dimension

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



7758691



10058876



7761251



3880245



7995392



16384000



# Inverse Universe

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



6518390



8165785



6516086



3488571



31354



64250



# Previews

## White Background



This preview shows how the Decimal color 7758691 looks on a white background.

## Color Contrast Check

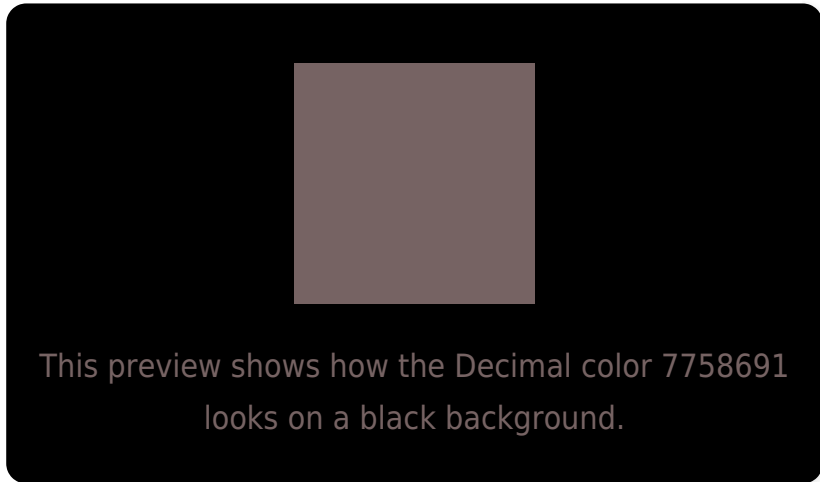
Large Text (above 18pt) WCAG AA ✓ Pass

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

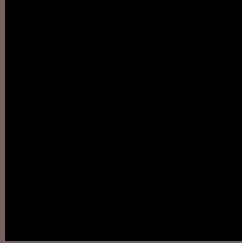
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 7758691 Background



This preview shows how black text looks on a background with the Decimal color 7758691.

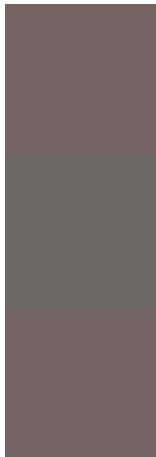


This preview shows how white text looks on a background with the Decimal color 7758691.

# 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**  
7758691

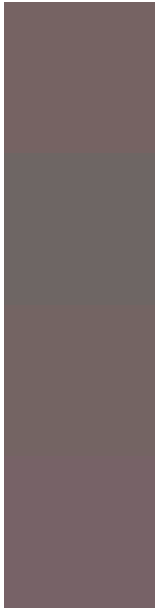
**Protanopia**  
6973285

**Deuteranopia**  
7562339



**Tritanopia**  
7823978

# Trichromacy



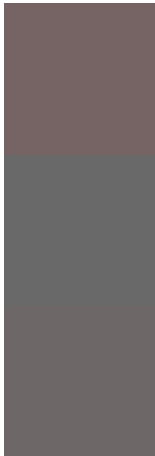
**Original Color**  
7758691

**Protanomaly**  
7235172

**Deuteranomaly**  
7627875

**Tritanomaly**  
7823975

# Monochromacy



**Original Color**  
7758691

**Achromatopsia**  
6908265

**Achromatomaly**  
7235431

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7758691 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 #766363 looks like.

```
.text, #text, p{  
    color:#766363  
}
```

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 #766363 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #766363
}
```

## Border

The CSS property to change the border of an element to Decimal 7758691 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".

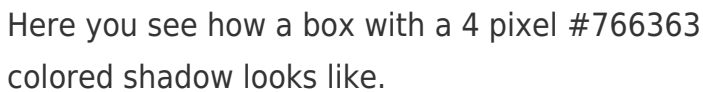
```
.border, #border, table{ border:4px solid
#766363 }
```

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

```
.border{ border-color:#766363 }
```

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

Here you see how a box with a 4 pixel #766363 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #766363; -webkit-box-shadow:4px 4px  
4px 4px #766363; box-shadow:4px 4px 4px  
4px #766363 }
```

# Background

The CSS property to change the background color of an element to Decimal 7758691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#766363 }
```

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

```
.background{ background-color:#766363 }
```

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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