

# Converting Colors

Decimal(7568990)

Have a look what the booklet for  
Decimal(7568990) contains.

<b>Decimal(7568990)</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(7568990)**

# Conversions

## Conversions Part 1

Format	Color
Hex	737E5E
RGB	115, 126, 94
RGB Percent	45%, 49%, 37%
CMY	0.5490, 0.5059, 0.6314
CMYK	0.09, 0.00, 0.25, 0.51
HSL	81°, 15%, 43%
HSV	81°, 25%, 49%
XYZ	16.5515, 19.3747, 13.4570
YIQ	119.0630, 3.7160, -12.2840

# Conversions

## Conversions Part 2

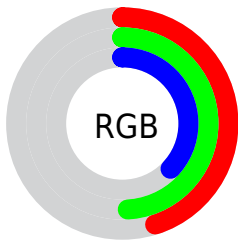
<b>Format</b>	<b>Color</b>
<b>RYB</b>	94, 126, 105
Decimal	7568990
CIELab	51.12, -10.11, 16.11
CIELCh	51, 19.015, 122.115
Yxy	19.3747, 0.3352, 0.3923
Android (android.graphics.Color)	4285759070 (0xFF737E5E)
YUV	119.0630, -12.3561, -3.5633
Hunter-Lab	44.0167, -9.9084, 12.6852

# Details

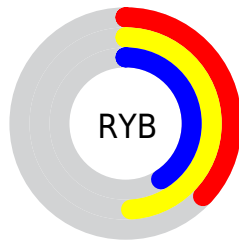
The Decimal color **7568990** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **6905470**, and the grayscale version is **7829367**.

A 20% lighter version of the original color is **10990481**, and **4410672** is the 20% darker color. If you saturate the color by 10%, you get **7306833**, and if you desaturate by 10%, it is **7831147**.

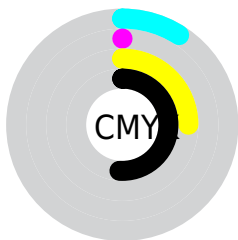
# Distribution



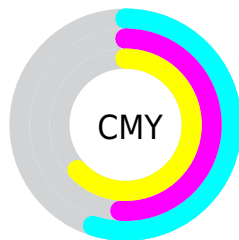
- Red (45%)
- Green (49%)
- Blue (37%)



- Red (37%)
- Yellow (49%)
- Blue (41%)



- Cyan (9%)
- Magenta (0%)
- Yellow (25%)
- Black (51%)



- Cyan (55%)
- Magenta (51%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7568990 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 7568990 by changing the saturation by 10% instead.





7568990



7568990

16777215



5924166



10990481



4410672



12766891



2897434



14609094



1581313



16515043



2048



0



7568990



7568990



7306833



7831147



6979141



8158839

■ 6716984

■ 8420996

■ 6454828

■ 8683152

■ 6127135

■ 9010845

■ 5864978

■ 9273002

■ 5602822

■ 9535158

■ 5471744

■ 9862851

■ 10125007

# Harmonies

## Analogous

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



8747353



7568990



6324586

# Triad

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



7568990



5537942



10120825

# Complementary

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



7568990



6905470

# 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.



9465993



7568990



6847386

# Square

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



7568990



4948618



8287637



10121065

# Rectangle

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



7568990



5604213



8287637



9924223



# Sweetspot

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



7568990



10462102



8284510



5198409



13750737



5395026



# Same Dimension

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



7568990



9610098



6520414



4079673



5537792



0



# Inverse Universe

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



6905470



8614563



7954046



3946816



2883712



0



# Previews

## White Background



This preview shows how the Decimal color 7568990 looks on a white background.

## Color Contrast Check

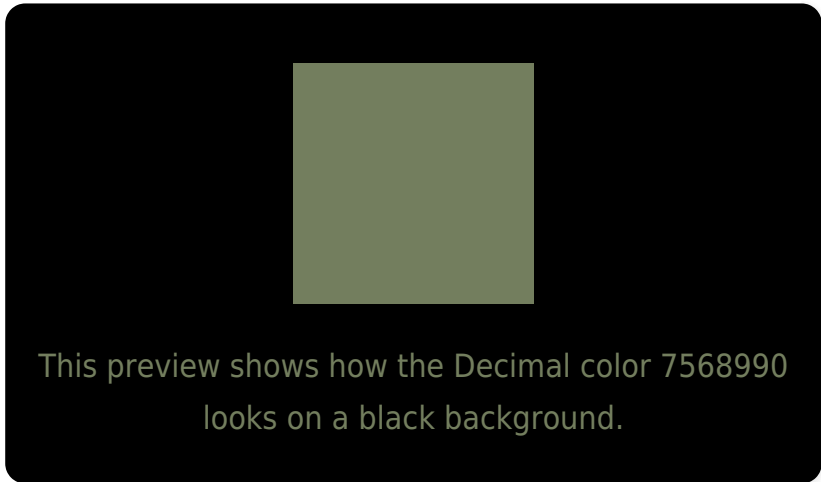
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

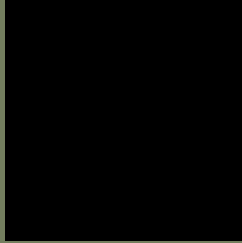
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 7568990 Background



This preview shows how black text looks on a background with the Decimal color 7568990.

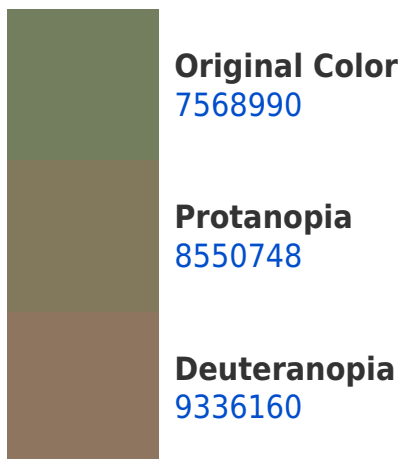


This preview shows how white text looks on a background with the Decimal color 7568990.

# 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





**Tritanopia**  
7895427

# Trichromacy



**Original Color**  
7568990

**Protanomaly**  
8223581

**Deuteranomaly**  
8681567

**Tritanomaly**  
7764854

# Monochromacy



**Original Color**  
7568990

**Achromatopsia**  
7829367

**Achromatomaly**  
7764590

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7568990 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 #737E5E looks like.

```
.text, #text, p{  
    color:#737E5E  
}
```

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 #737E5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #737E5E
}
```

## Border

The CSS property to change the border of an element to Decimal 7568990 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
#737E5E }
```

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

```
.border{ border-color:#737E5E }
```

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

Here you see how a box with a 4 pixel #737E5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #737E5E; -webkit-box-shadow:4px 4px  
4px 4px #737E5E; box-shadow:4px 4px 4px  
4px #737E5E }
```

# Background

The CSS property to change the background color of an element to Decimal 7568990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#737E5E }
```

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

```
.background{ background-color:#737E5E }
```

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