

# Converting Colors

Decimal(7700336)

Have a look what the booklet for  
Decimal(7700336) contains.

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# Color

**Decimal(7700336)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	757F70
RGB	117, 127, 112
RGB Percent	46%, 50%, 44%
CMY	0.5412, 0.5020, 0.5608
CMYK	0.08, 0.00, 0.12, 0.50
HSL	100°, 6%, 47%
HSV	100°, 12%, 50%
XYZ	17.8501, 20.1305, 18.2740
YIQ	122.3000, -1.1450, -6.7850

# Conversions

## Conversions Part 2

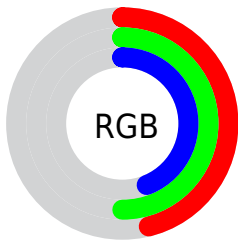
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	112, 127, 122
Decimal	7700336
CIE <sub>Lab</sub>	51.98, -6.70, 6.89
CIE <sub>LCh</sub>	52, 9.616, 134.196
Yxy	20.1305, 0.3173, 0.3578
Android (android.graphics.Color)	4285890416 (0xFF757F70)
YUV	122.3000, -5.0779, -4.6481
Hunter-Lab	44.8670, -7.5020, 7.2585

# Details

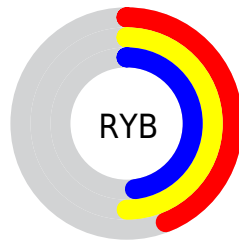
The Decimal color **7700336** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **8024191**, and the grayscale version is **8026746**.

A 20% lighter version of the original color is **11121828**, and **4542016** is the 20% darker color. If you saturate the color by 10%, you get **7176035**, and if you desaturate by 10%, it is **8224637**.

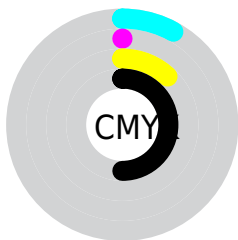
# Distribution



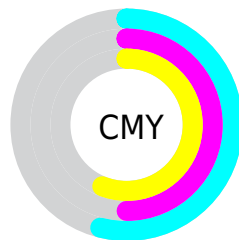
- Red (46%)
- Green (50%)
- Blue (44%)



- Red (44%)
- Yellow (50%)
- Blue (48%)



- Cyan (8%)
- Magenta (0%)
- Yellow (12%)
- Black (50%)



- Cyan (54%)
- Magenta (50%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7700336 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 7700336 by changing the saturation by 10% instead.



■ 7700336

■ 7700336

16777215

■ 6055512

■ 11121828

■ 4542016

■ 12898239

■ 3028778

■ 14740443

■ 1712662

■ 16646135

■ 3072

■ 0

■ 7700336

■ 7700336

■ 7176035

■ 8224637

■ 6586199

■ 8814473

■ 6061898

■ 9338774

■ 5472061

■ 9928611

■ 4947761

■ 10452912

■ 4357924

■ 11042748

■ 3833623

■ 11567049

■ 3243786

■ 12156886

■ 2785024

■ 12681186

# Harmonies

## Analogous

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



8355180



7700336



7176567

# Triad

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



7700336



7241356



9336440

# Complementary

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



7700336



8024191

# 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.



9074561



7700336



7895948

# Square

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



7700336



6848647



8550792



9205873

# Rectangle

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



7700336



6914429



8550792



9270907



# Sweetspot

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



7700336



10593951



8354416



5330000



13948116



5526612



# Same Dimension

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



7700336



9873039



7372658



3948601



2785280



0



# Inverse Universe

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



8024191



10391462



8351869



4077888



5570688

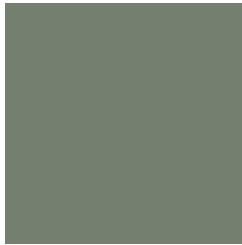


0



# Previews

## White Background



This preview shows how the Decimal color 7700336 looks on a white background.

## Color Contrast Check

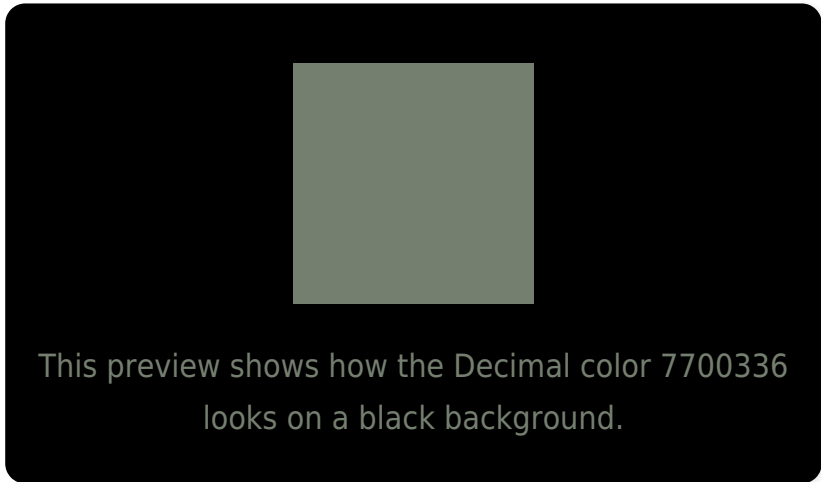
Large Text (above 18pt) WCAG AA ✓ Pass

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

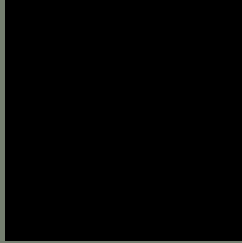
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

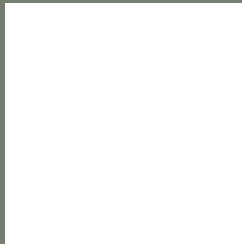
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 7700336 Background



This preview shows how black text looks on a background with the Decimal color 7700336.



This preview shows how white text looks on a background with the Decimal color 7700336.

# 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**  
7700336

**Protanopia**  
8485742

**Deuteranopia**  
9205618



**Tritanopia**  
7896198

# Trichromacy



**Original Color**

7700336

**Protanomaly**

8223855

**Deuteranomaly**

8682097

**Tritanomaly**

7830910

# Monochromacy



**Original Color**

7700336

**Achromatopsia**

8026746

**Achromatomaly**

7896182

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7700336 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 #757F70 looks like.

```
.text, #text, p{  
  color:#757F70  
}
```

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 #757F70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #757F70
}
```

## Border

The CSS property to change the border of an element to Decimal 7700336 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
#757F70 }
```

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

```
.border{ border-color:#757F70 }
```

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

Here you see how a box with a 4 pixel #757F70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #757F70; -webkit-box-shadow:4px 4px  
4px 4px #757F70; box-shadow:4px 4px 4px  
4px #757F70 }
```

# Background

The CSS property to change the background color of an element to Decimal 7700336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#757F70 }
```

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

```
.background{ background-color:#757F70 }
```

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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