

# Converting Colors

Decimal(7686671)

Have a look what the booklet for  
Decimal(7686671) contains.

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**Color**

**Decimal(7686671)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	754A0F
RGB	117, 74, 15
RGB Percent	46%, 29%, 6%
CMY	0.5412, 0.7098, 0.9412
CMYK	0.00, 0.37, 0.87, 0.54
HSL	35°, 77%, 26%
HSV	35°, 87%, 46%
XYZ	9.8711, 8.7140, 1.6136
YIQ	80.1310, 44.5670, -9.2330

# Conversions

## Conversions Part 2

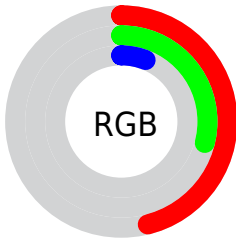
Format	Color
R <sub>Y</sub> B	89, 117, 15
Decimal	7686671
CIE Lab	35.43, 13.35, 39.54
CIE LCh	35, 41.736, 71.340
Yxy	8.7140, 0.4887, 0.4314
Android (android.graphics.Color)	4285876751 (0xFF754A0F)
YUV	80.1310, -32.1096, 32.3341
Hunter-Lab	29.5194, 8.0304, 17.4226

# Details

The Decimal color **7686671** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **998005**, and the grayscale version is **5263440**.

A 20% lighter version of the original color is **11369280**, and **4201984** is the 20% darker color. If you saturate the color by 10%, you get **7685379**, and if you desaturate by 10%, it is **7687963**.

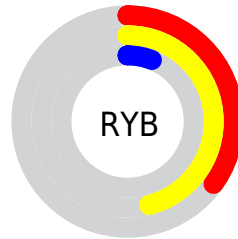
# Distribution



Red (46%)

Green (29%)

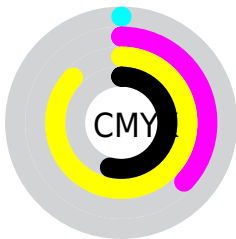
Blue (6%)



Red (35%)

Yellow (46%)

Blue (6%)

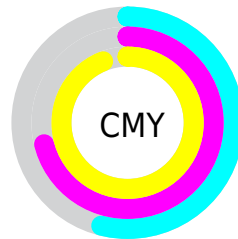


Cyan (0%)

Magenta (37%)

Yellow (87%)

Black (54%)



Cyan (54%)

Magenta (71%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7686671 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 7686671 by changing the saturation by 10% instead.



 7686671

 7686671

 16777210


 5911296

 11369280

 4201984

 13276248

 2557952

 15183729

 0

 16763787

 16770982

 16777153

 16777182

 7686671

 7686671

■ 7685379

■ 7687963

■ 7685120

■ 7689254

■ 7690546

■ 7691838

■ 7693130

■ 7694421

■ 7695713

■ 7696749

■ 7698040

# Harmonies

## Analogous

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



8993833



7686671



5789191

# Triad

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



7686671



25439



6636934

# Complementary

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



7686671



998005

# 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.



2380693



7686671



25215

# Square

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



7686671



25149



23954



8730473

# Rectangle

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



7686671



4283156



23954



5589645



# Sweetspot

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



7686671



10061937



7671611



5063477



13421772



5066061



# Same Dimension

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



7686671



10049792



7238927



3881013



8013568



16421120



# Inverse Universe

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



998005



16793



1445749



3487547



13434

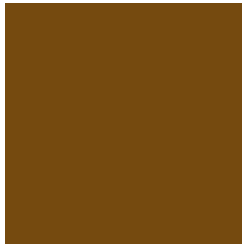


27130



# Previews

## White Background



This preview shows how the Decimal color 7686671 looks on a white background.

## Color Contrast Check

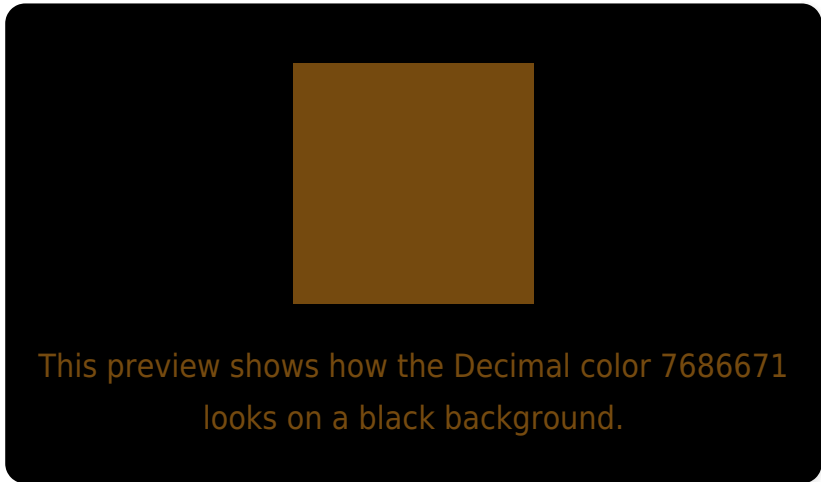
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 7686671 Background



This preview shows how black text looks on a background with the Decimal color 7686671.



This preview shows how white text looks on a background with the Decimal color 7686671.

# 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**  
7686671

**Protanopia**  
6181906

**Deuteranopia**  
6967307



# Trichromacy



**Original Color**  
7686671

**Protanomaly**  
6705169

**Deuteranomaly**  
7228940

**Tritanomaly**  
7817013

# Monochromacy



**Original Color**  
7686671

**Achromatopsia**  
5263440

**Achromatomaly**  
6114872

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7686671 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 #754A0F looks like.

```
.text, #text, p{  
  color:#754A0F  
}
```

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 #754A0F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #754A0F
}
```

## Border

The CSS property to change the border of an element to Decimal 7686671 is called "border". The border property can be set on classes, ids or directly on the HTML element.

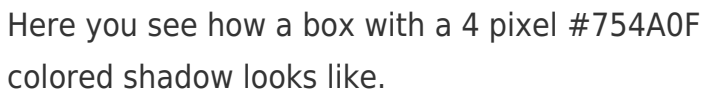
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#754A0F }
```

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

```
.border{ border-color:#754A0F }
```

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



Here you see how a box with a 4 pixel #754A0F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #754A0F; -webkit-box-shadow:4px 4px  
4px 4px #754A0F; box-shadow:4px 4px 4px  
4px #754A0F }
```

# Background

The CSS property to change the background color of an element to Decimal 7686671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#754A0F }
```

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

```
.background{ background-color:#754A0F }
```

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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