

# Converting Colors

Decimal(7683667)

Have a look what the booklet for  
Decimal(7683667) contains.

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**Color**

**Decimal(7683667)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	753E53
RGB	117, 62, 83
RGB Percent	46%, 24%, 33%
CMY	0.5412, 0.7569, 0.6745
CMYK	0.00, 0.47, 0.29, 0.54
HSL	337°, 31%, 35%
HSV	337°, 47%, 46%
XYZ	10.6201, 7.8517, 9.1394
YIQ	80.8390, 26.0390, 18.1910

# Conversions

## Conversions Part 2

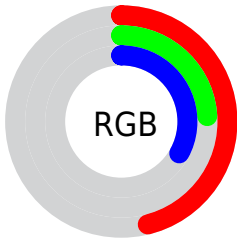
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 62, 83
Decimal	7683667
CIE Lab	33.67, 26.72, -1.93
CIE LCh	34, 26.790, 355.875
Yxy	7.8517, 0.3846, 0.2844
Android (android.graphics.Color)	4285873747 (0xFF753E53)
YUV	80.8390, 1.0654, 31.7132
Hunter-Lab	28.0209, 18.6160, 0.2763

# Details

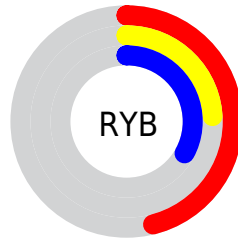
The Decimal color **7683667** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **4093280**, and the grayscale version is **5329233**.

A 20% lighter version of the original color is **11235204**, and **4329510** is the 20% darker color. If you saturate the color by 10%, you get **7680588**, and if you desaturate by 10%, it is **7686746**.

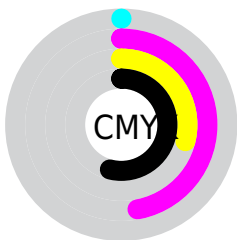
# Distribution



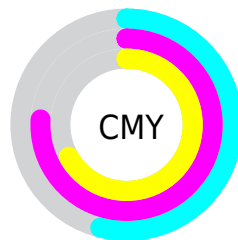
- Red (46%)
- Green (24%)
- Blue (33%)



- Red (46%)
- Yellow (24%)
- Blue (33%)



- Cyan (0%)
- Magenta (47%)
- Yellow (29%)
- Black (54%)



- Cyan (54%)
- Magenta (76%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7683667 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 7683667 by changing the saturation by 10% instead.



7683667

7683667

16777215

5973820

11235204

4329510

13076894

2883602

14918585

0

16760789

16767985

16775167

7683667

7683667

7680588

7686746

7677765

7689569

7674685

7692649

7671606

7695728

7668783

7698807

7667757

7701630

7704710

7707789

7710612

# Harmonies

## Analogous

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



6767463



7683667



7814974

# Triad

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



7683667



4870952



22386

# Complementary

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



7683667



4093280

# 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.



23137



7683667



3168311

# Square

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



7683667



6245668



350795



2445945

# Rectangle

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



7683667



7553842



350795



22893



# Sweetspot

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



7683667



10060940



6307445



5062468



13421772



5066061



# Same Dimension

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



7683667



10044260



7685182



3880247



7995439



16384095



# Inverse Universe

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



7683667



10044260



4091765



3880247



7995439

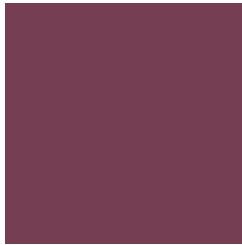


16384095



# Previews

## White Background



This preview shows how the Decimal color 7683667 looks on a white background.

## Color Contrast Check

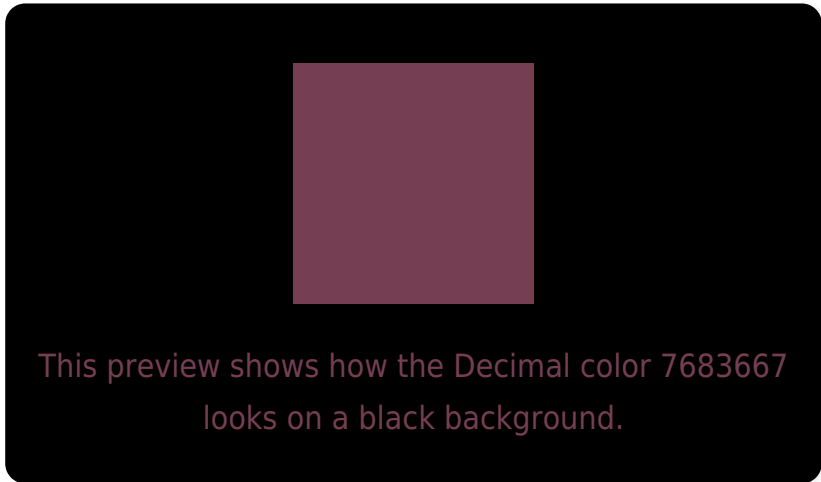
Large Text (above 18pt) WCAG AA ✓ Pass

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

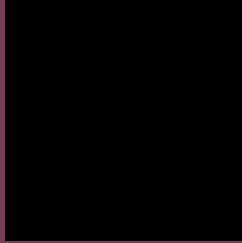
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 7683667 Background



This preview shows how black text looks on a background with the Decimal color 7683667.

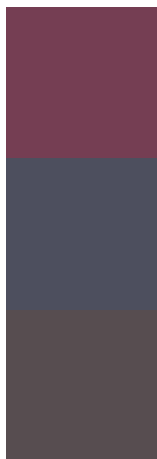


This preview shows how white text looks on a background with the Decimal color 7683667.

# 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**  
7683667

**Protanopia**  
5066590

**Deuteranopia**  
5721424



**Tritanopia**  
7618885

# Trichromacy



**Original Color**  
7683667

**Protanomaly**  
6048090

**Deuteranomaly**  
6441041

**Tritanomaly**  
7618634

# Monochromacy



**Original Color**  
7683667

**Achromatopsia**  
5329233

**Achromatomaly**  
6179410

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7683667 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 #753E53 looks like.

```
.text, #text, p{  
    color:#753E53  
}
```

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 #753E53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #753E53
}
```

## Border

The CSS property to change the border of an element to Decimal 7683667 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".

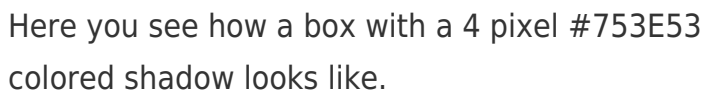
```
.border, #border, table{ border:4px solid
#753E53 }
```

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

```
.border{ border-color:#753E53 }
```

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

Here you see how a box with a 4 pixel #753E53 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border. Below the box, there is a thick dark red horizontal bar. The shadow is a dark red rectangular area that is slightly offset from the bottom and right edges of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #753E53; -webkit-box-shadow:4px 4px  
4px 4px #753E53; box-shadow:4px 4px 4px  
4px #753E53 }
```

# Background

The CSS property to change the background color of an element to Decimal 7683667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#753E53 }
```

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

```
.background{ background-color:#753E53 }
```

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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