

# Converting Colors

Decimal(7680830)

Have a look what the booklet for  
Decimal(7680830) contains.

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**Color**

**Decimal(7680830)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	75333E
RGB	117, 51, 62
RGB Percent	46%, 20%, 24%
CMY	0.5412, 0.8000, 0.7569
CMYK	0.00, 0.56, 0.47, 0.54
HSL	350°, 39%, 33%
HSV	350°, 56%, 46%
XYZ	9.3894, 6.4974, 5.3167
YIQ	71.9880, 35.8050, 17.4130

# Conversions

## Conversions Part 2

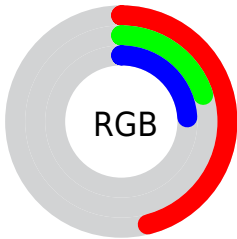
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 51, 62
Decimal	7680830
CIE Lab	30.63, 30.13, 7.30
CIE LCh	31, 31.001, 13.625
Yxy	6.4974, 0.4428, 0.3064
Android (android.graphics.Color)	4285870910 (0xFF75333E)
YUV	71.9880, -4.9241, 39.4755
Hunter-Lab	25.4899, 21.1447, 5.4763

# Details

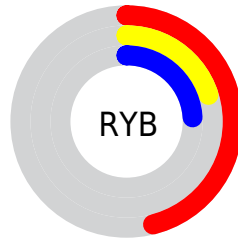
The Decimal color **7680830** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3372394**, and the grayscale version is **4737096**.

A 20% lighter version of the original color is **11297901**, and **4260372** is the 20% darker color. If you saturate the color by 10%, you get **7677748**, and if you desaturate by 10%, it is **7683912**.

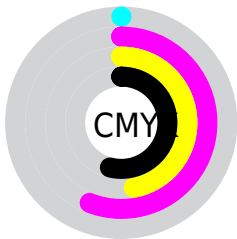
# Distribution



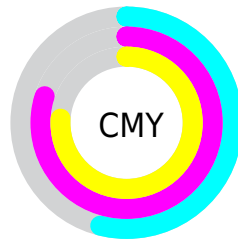
- Red (46%)
- Green (20%)
- Blue (24%)



- Red (46%)
- Yellow (20%)
- Blue (24%)



- Cyan (0%)
- Magenta (56%)
- Yellow (47%)
- Black (54%)



- Cyan (54%)
- Magenta (80%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7680830 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 7680830 by changing the saturation by 10% instead.



7680830

7680830

16777215

5970728

11297901

4260372

13139335

2883585

15046817

0

16757692

16764887

16772084

7680830

7680830

7677748

7683912

 7674923

 7686738

 7671841

 7689819

 7668759

 7692901

 7667732

 7695983

 7698808

 7701890

 7704972

 7707798

# Harmonies

## Analogous

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



7222614



7680830



7354664

# Triad

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



7680830



3166243



20086

# Complementary

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



7680830



3372394

# 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.



21353



7680830



21306

# Square

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



7680830



4934166



21587



3229559

# Rectangle

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



7680830



6766364



21587



20595



# Sweetspot

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



7680830



10059651



6959989



5061952



13421772



5066061



# Same Dimension

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



7680830



10039618



7686451



3880246



7995412



16384042



# Inverse Universe

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



7680830



10039618



3366773



3880246



7995412

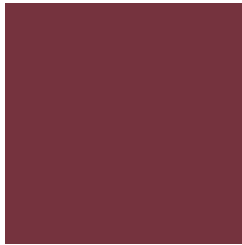


16384042



# Previews

## White Background



This preview shows how the Decimal color 7680830 looks on a white background.

## Color Contrast Check

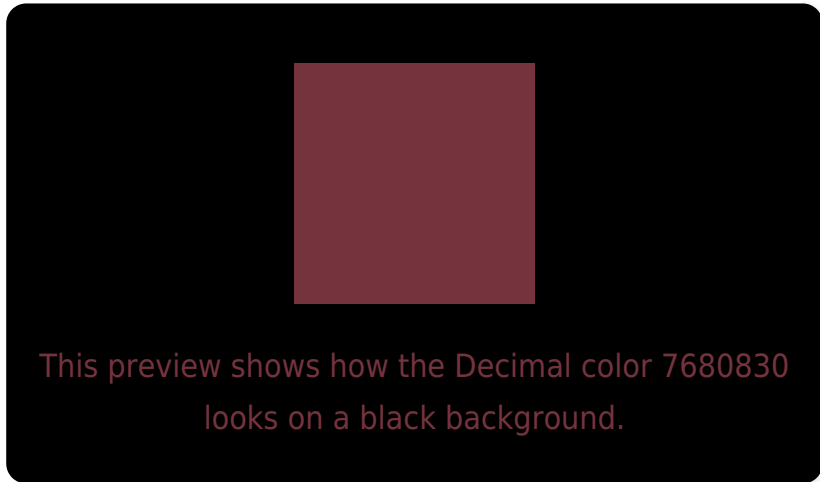
Large Text (above 18pt) WCAG AA ✓ Pass

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

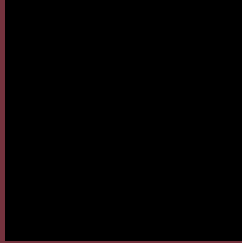
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 7680830 Background



This preview shows how black text looks on a background with the Decimal color 7680830.



This preview shows how white text looks on a background with the Decimal color 7680830.

# 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**

7680830

**Protanopia**

4868425

**Deuteranopia**

5588539



# Trichromacy



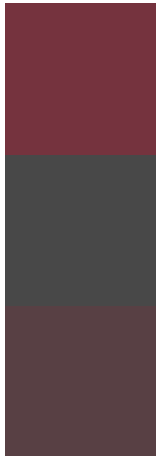
**Original Color**  
7680830

**Protanomaly**  
5914949

**Deuteranomaly**  
6373180

**Tritanomaly**  
7681082

# Monochromacy



**Original Color**  
7680830

**Achromatopsia**  
4737096

**Achromatomaly**  
5783620

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7680830 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 #75333E looks like.

```
.text, #text, p{  
    color:#75333E  
}
```

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 #75333E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75333E
}
```

## Border

The CSS property to change the border of an element to Decimal 7680830 is called "border". The border property can be set on classes, ids or directly on the HTML element.

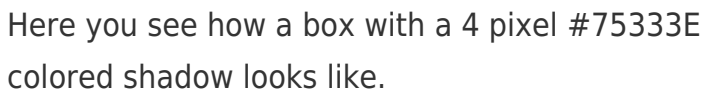
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#75333E }
```

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

```
.border{ border-color:#75333E }
```

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



Here you see how a box with a 4 pixel #75333E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75333E; -webkit-box-shadow:4px 4px  
4px 4px #75333E; box-shadow:4px 4px 4px  
4px #75333E }
```

# Background

The CSS property to change the background color of an element to Decimal 7680830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75333E }
```

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

```
.background{ background-color:#75333E }
```

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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