

# Converting Colors

Decimal(7681590)

Have a look what the booklet for  
Decimal(7681590) contains.

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**Color**

**Decimal(7681590)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	753636
RGB	117, 54, 54
RGB Percent	46%, 21%, 21%
CMY	0.5412, 0.7882, 0.7882
CMYK	0.00, 0.54, 0.54, 0.54
HSL	0°, 37%, 34%
HSV	0°, 54%, 46%
XYZ	9.3211, 6.6866, 4.2894
YIQ	72.8370, 37.5480, 13.3560

# Conversions

## Conversions Part 2

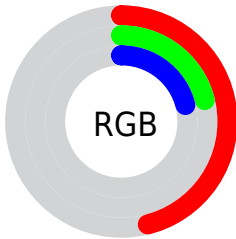
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 54, 54
Decimal	7681590
CIE Lab	31.08, 27.63, 13.12
CIE LCh	31, 30.592, 25.405
Yxy	6.6866, 0.4592, 0.3294
Android (android.graphics.Color)	4285871670 (0xFF753636)
YUV	72.8370, -9.2866, 38.7310
Hunter-Lab	25.8584, 19.0913, 8.2659

# Details

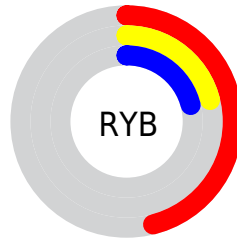
The Decimal color **7681590** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3569013**, and the grayscale version is **4802889**.

A 20% lighter version of the original color is **11298661**, and **4261386** is the 20% darker color. If you saturate the color by 10%, you get **7678506**, and if you desaturate by 10%, it is **7684674**.

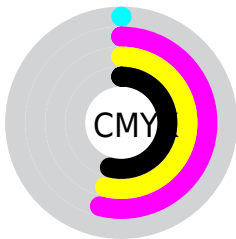
# Distribution



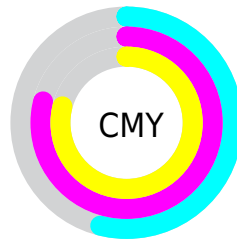
- Red (46%)
- Green (21%)
- Blue (21%)



- Red (46%)
- Yellow (21%)
- Blue (21%)



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



- Cyan (54%)
- Magenta (79%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7681590 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 7681590 by changing the saturation by 10% instead.



7681590

7681590

16777215

5906209

11298661

4261386

13205630

2818049

15113111

0

16758450

16765646

16772842

7681590

7681590

7678506

7684674

 7675679

 7687501

 7672595

 7690585

 7669511

 7693669

 7667712

 7696753

 7699580

 7702664

 7705748

 7708575

# Harmonies

## Analogous

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



7550286



7681590



7093794

# Triad

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



7681590



2380589



281977

# Complementary

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



7681590



3569013

# 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.



21104



7681590



21829

# Square

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



7681590



4410908



21853



4473972

# Rectangle

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



7681590



6308890



21853



20343



# Sweetspot

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



7681590



10060161



7681653



5062206



13421772



5066061



# Same Dimension

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



7681590



10040886



7689782



3880245



7995392



16384000



# Inverse Universe

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



3569013



3578265



3561077



3488571



31354

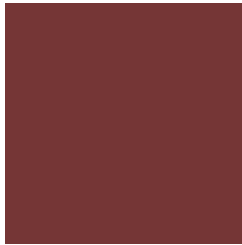


64250



# Previews

## White Background



This preview shows how the Decimal color 7681590 looks on a white background.

## Color Contrast Check

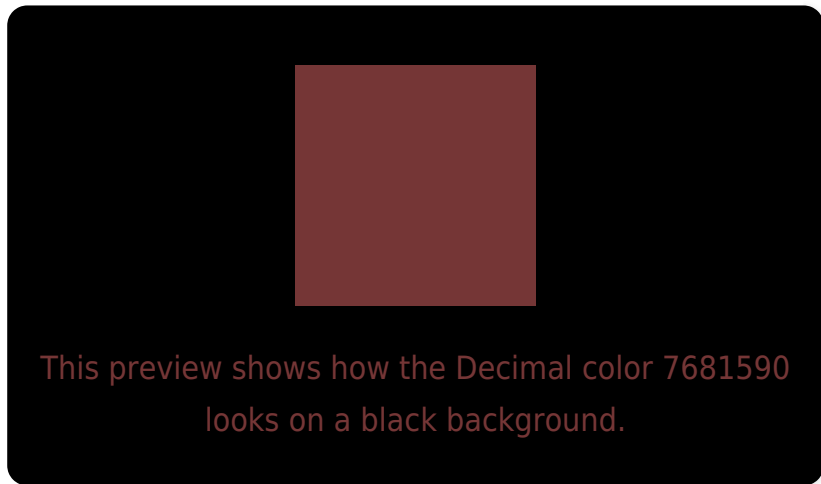
Large Text (above 18pt) WCAG AA ✓ Pass

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 7681590 Background



This preview shows how black text looks on a background with the Decimal color 7681590.



This preview shows how white text looks on a background with the Decimal color 7681590.

# 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**  
7681590

**Protanopia**  
5130815

**Deuteranopia**  
5785395



# Trichromacy



**Original Color**  
7681590

**Protanomaly**  
6046524

**Deuteranomaly**  
6504756

**Tritanomaly**  
7681592

# Monochromacy



**Original Color**  
7681590

**Achromatopsia**  
4802889

**Achromatomaly**  
5849666

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7681590 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 #753636 looks like.

```
.text, #text, p{  
    color:#753636  
}
```

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 #753636 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #753636
}
```

## Border

The CSS property to change the border of an element to Decimal 7681590 is called "border". The border property can be set on classes, ids or directly on the HTML element.

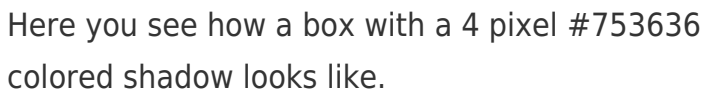
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#753636 }
```

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

```
.border{ border-color:#753636 }
```

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



Here you see how a box with a 4 pixel #753636 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #753636; -webkit-box-shadow:4px 4px  
4px 4px #753636; box-shadow:4px 4px 4px  
4px #753636 }
```

# Background

The CSS property to change the background color of an element to Decimal 7681590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#753636 }
```

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

```
.background{ background-color:#753636 }
```

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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