

# Converting Colors

Decimal(7680035)

Have a look what the booklet for  
Decimal(7680035) contains.

<b>Decimal(7680035)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Decimal(7680035)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	753023
RGB	117, 48, 35
RGB Percent	46%, 19%, 14%
CMY	0.5412, 0.8118, 0.8627
CMYK	0.00, 0.59, 0.70, 0.54
HSL	10°, 54%, 30%
HSV	10°, 70%, 46%
XYZ	8.6964, 6.0172, 2.2932
YIQ	67.1490, 45.2970, 10.5850

# Conversions

## Conversions Part 2

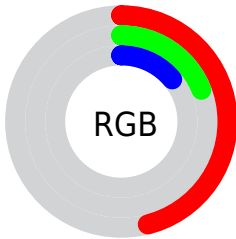
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 50, 35
Decimal	7680035
CIE <sub>Lab</sub>	29.46, 29.38, 23.14
CIE <sub>LCh</sub>	29, 37.395, 38.229
Yxy	6.0172, 0.5114, 0.3538
Android (android.graphics.Color)	4285870115 (0xFF753023)
YUV	67.1490, -15.8495, 43.7193
Hunter-Lab	24.5299, 20.3552, 11.6282

# Details

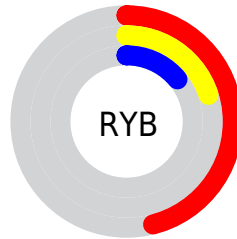
The Decimal color **7680035** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2320501**, and the grayscale version is **4408131**.

A 20% lighter version of the original color is **11362640**, and **4128768** is the 20% darker color. If you saturate the color by 10%, you get **7677463**, and if you desaturate by 10%, it is **7682607**.

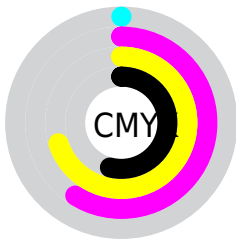
# Distribution



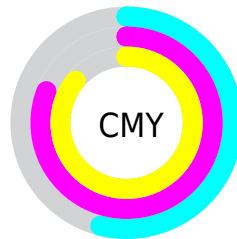
- Red (46%)
- Green (19%)
- Blue (14%)



- Red (46%)
- Yellow (20%)
- Blue (14%)



- Cyan (0%)
- Magenta (59%)
- Yellow (70%)
- Black (54%)



- Cyan (54%)
- Magenta (81%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7680035 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 7680035 by changing the saturation by 10% instead.



 7680035

 7680035

16777215

 5904398

 11362640

 4128768

 13269608

 2621441

 15242369

 0

 16756635

 16763830

 16771026

 16777198

 7680035

 7680035

■ 7677463

■ 7682607

■ 7674892

■ 7685178

■ 7672576

■ 7687750

■ 7690066

■ 7692638

■ 7695209

■ 7697781

■ 7700353

■ 7702924

# Harmonies

## Analogous

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



7940415



7680035



6634508

# Triad

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



7680035



21039



870015

# Complementary

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



7680035



2320501

# 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.



20091



7680035



21325

# Square

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



7680035



2969108



21097



5323379

# Rectangle

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



7680035



5587715



21097



18815



# Sweetspot

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



7680035



10059385



7676777



5061689



13421772



5066061



# Same Dimension

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



7680035



10038552



7690275



3880501



8000256



16394240



# Inverse Universe

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



2320501



1607065



2310261



3488315



26490



54010



# Previews

## White Background



This preview shows how the Decimal color 7680035 looks on a white background.

## Color Contrast Check

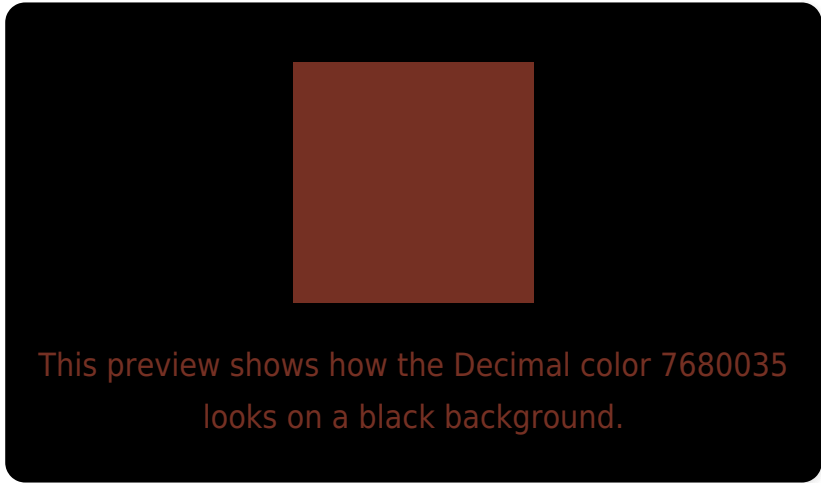
Large Text (above 18pt) WCAG AA ✓ Pass

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 7680035 Background



This preview shows how black text looks on a background with the Decimal color 7680035.

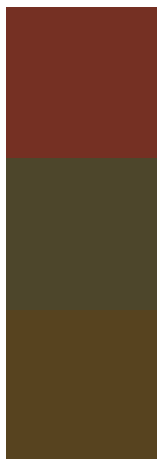


This preview shows how white text looks on a background with the Decimal color 7680035.

# 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**

7680035

**Protanopia**

5064235

**Deuteranopia**

5718815



# Trichromacy



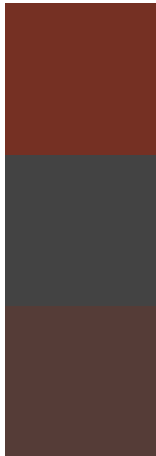
**Original Color**  
7680035

**Protanomaly**  
6045224

**Deuteranomaly**  
6437920

**Tritanomaly**  
7745324

# Monochromacy



**Original Color**  
7680035

**Achromatopsia**  
4408131

**Achromatomaly**  
5585975

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7680035 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 #753023 looks like.

```
.text, #text, p{  
    color:#753023  
}
```

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 #753023 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #753023
}
```

## Border

The CSS property to change the border of an element to Decimal 7680035 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".

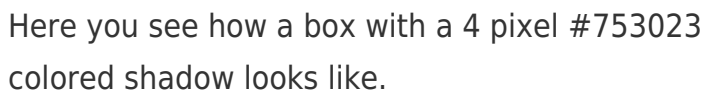
```
.border, #border, table{ border:4px solid
#753023 }
```

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

```
.border{ border-color:#753023 }
```

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

Here you see how a box with a 4 pixel #753023 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 #753023; -webkit-box-shadow:4px 4px  
4px 4px #753023; box-shadow:4px 4px 4px  
4px #753023 }
```

# Background

The CSS property to change the background color of an element to Decimal 7680035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#753023 }
```

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

```
.background{ background-color:#753023 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor