

# Converting Colors

Decimal(7880770)

Have a look what the booklet for  
Decimal(7880770) contains.

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**Color**

**Decimal(7880770)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	784042
RGB	120, 64, 66
RGB Percent	47%, 25%, 26%
CMY	0.5294, 0.7490, 0.7412
CMYK	0.00, 0.47, 0.45, 0.53
HSL	358°, 30%, 36%
HSV	358°, 47%, 47%
XYZ	10.5625, 8.0532, 6.1520
YIQ	80.9720, 32.7340, 12.4940

# Conversions

## Conversions Part 2

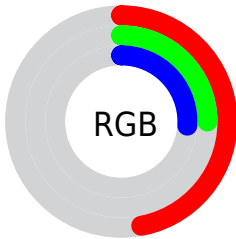
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	120, 64, 66
Decimal	7880770
CIE Lab	34.09, 24.47, 9.62
CIE LCh	34, 26.292, 21.470
Yxy	8.0532, 0.4265, 0.3251
Android (android.graphics.Color)	4286070850 (0xFF784042)
YUV	80.9720, -7.3812, 34.2276
Hunter-Lab	28.3782, 16.7767, 7.0115

# Details

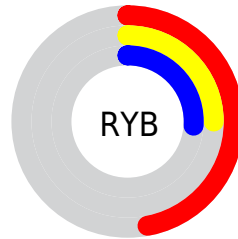
The Decimal color **7880770** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **4225142**, and the grayscale version is **5329233**.

A 20% lighter version of the original color is **11432306**, and **4461080** is the 20% darker color. If you saturate the color by 10%, you get **7877686**, and if you desaturate by 10%, it is **7883854**.

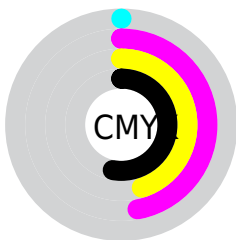
# Distribution



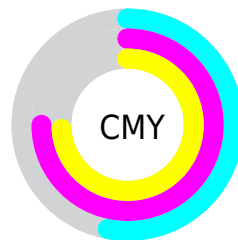
- Red (47%)
- Green (25%)
- Blue (26%)



- Red (47%)
- Yellow (25%)
- Blue (26%)



- Cyan (0%)
- Magenta (47%)
- Yellow (45%)
- Black (53%)




- Cyan (53%)
- Magenta (75%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7880770 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 7880770 by changing the saturation by 10% instead.



 7880770

 7880770

16777215

 6170924

 11432306

 4461080

 13339531

 3014656

 15246758

 0

 16761281

 16768477

 16775673

 7880770

 7880770

 7877686

 7883854

■ 7874603

■ 7886937

■ 7871519

■ 7890021

■ 7868436

■ 7893104

■ 7865352

■ 7896188

■ 7864324

■ 7899271

■ 7902355

■ 7905439

■ 7908522

# Harmonies

## Analogous

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



7618647



7880770



7423280

# Triad

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



7880770



3561525



2118777

# Complementary

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



7880770



4225142

# 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.



22896



7880770



1334089

# Square

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



7880770



5133352



23391



4803959

# Rectangle

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



7880770



6834729



23391



677495



# Sweetspot

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



7880770



10258055



7684216



5194306



13619151



5197647



# Same Dimension

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



7880770



10241096



7887168



4011831



8192004



16515081



# Inverse Universe

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



7880770



10241096



4218744



4011831



8192004

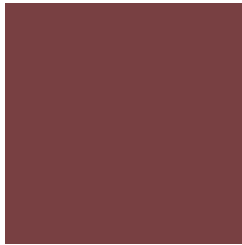


16515081



# Previews

## White Background



This preview shows how the Decimal color 7880770 looks on a white background.

## Color Contrast Check

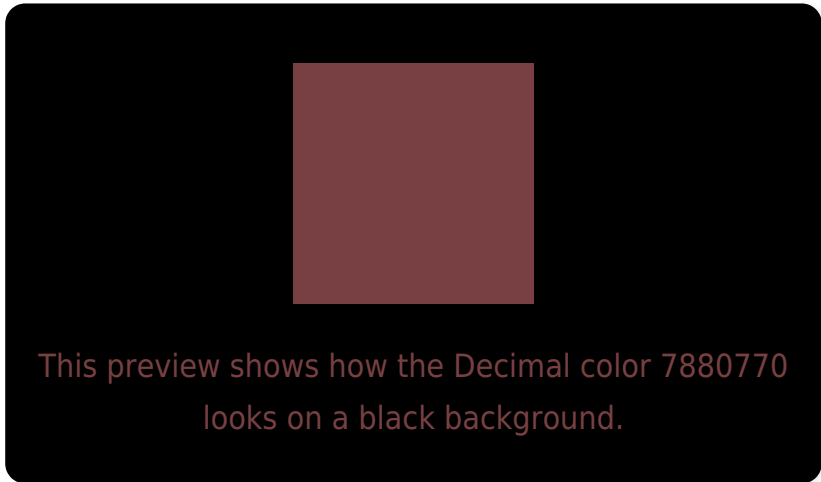
Large Text (above 18pt) WCAG AA ✓ Pass

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 7880770 Background



This preview shows how black text looks on a background with the Decimal color 7880770.



This preview shows how white text looks on a background with the Decimal color 7880770.

# 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**  
7880770

**Protanopia**  
5525578

**Deuteranopia**  
6180416



**Tritanopia**  
7880772

# Trichromacy



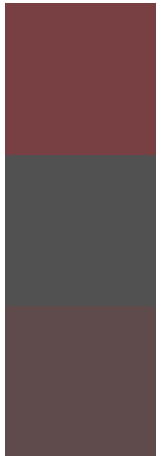
**Original Color**  
7880770

**Protanomaly**  
6376007

**Deuteranomaly**  
6768961

**Tritanomaly**  
7880771

# Monochromacy



**Original Color**  
7880770

**Achromatopsia**  
5329233

**Achromatomaly**  
6245196

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7880770 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 #784042 looks like.

```
.text, #text, p{  
    color:#784042  
}
```

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 #784042 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #784042
}
```

## Border

The CSS property to change the border of an element to Decimal 7880770 is called "border". The border property can be set on classes, ids or directly on the HTML element.

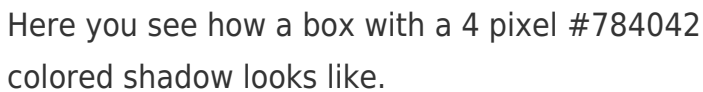
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#784042 }
```

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

```
.border{ border-color:#784042 }
```

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



Here you see how a box with a 4 pixel #784042 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #784042; -webkit-box-shadow:4px 4px  
4px 4px #784042; box-shadow:4px 4px 4px  
4px #784042 }
```

# Background

The CSS property to change the background color of an element to Decimal 7880770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#784042 }
```

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

```
.background{ background-color:#784042 }
```

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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