

Converting Colors

Decimal(7814703)

Have a look what the booklet for
Decimal(7814703) contains.

Decimal(7814703)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(7814703)

Conversions

Conversions Part 1

Format	Color
Hex	773E2F
RGB	119, 62, 47
RGB Percent	47%, 24%, 18%
CMY	0.5333, 0.7569, 0.8157
CMYK	0.00, 0.48, 0.61, 0.53
HSL	12°, 43%, 33%
HSV	12°, 61%, 47%
XYZ	9.8435, 7.5724, 3.6321
YIQ	77.3330, 38.7870, 7.4190

Conversions

Conversions Part 2

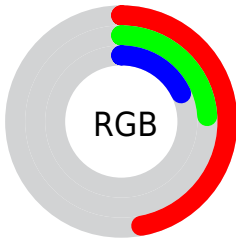
Format	Color
RYB	119, 66, 47
Decimal	7814703
CIELab	33.08, 23.27, 20.23
CIELCh	33, 30.835, 41.005
Yxy	7.5724, 0.4677, 0.3598
Android (android.graphics.Color)	4286004783 (0xFF773E2F)
YUV	77.3330, -14.9542, 36.5420
Hunter-Lab	27.5180, 15.6946, 11.4369

Details

The Decimal color **7814703** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3106935**, and the grayscale version is **5066061**.

A 20% lighter version of the original color is **11431773**, and **4395264** is the 20% darker color. If you saturate the color by 10%, you get **7812387**, and if you desaturate by 10%, it is **7817019**.

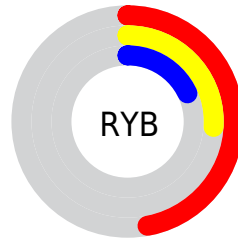
Distribution



Red (47%)

Green (24%)

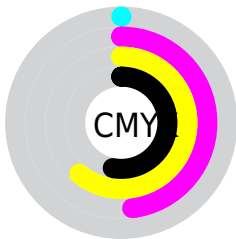
Blue (18%)



Red (47%)

Yellow (26%)

Blue (18%)

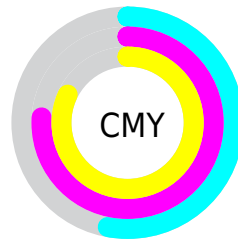


Cyan (0%)

Magenta (48%)

Yellow (61%)

Black (53%)



Cyan (53%)

Magenta (76%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7814703 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 7814703 by changing the saturation by 10% instead.

 7814703

 7814703

16777215

 6039322

 11431773

 4395264

 13338742

 2818048

 15246224

 0

 16760490

 16767685

 16775137

16777214

 7814703

 7814703

■ 7812387

■ 7817019

■ 7809815

■ 7819591

■ 7807499

■ 7821907

■ 7805184

■ 7824479

■ 7826794

■ 7829366

■ 7831682

■ 7833998

■ 7836570

Harmonies

Analogous

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



8075590



7814703



6899487

Triad

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



7814703



1005885



3427710

Complementary

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



7814703



3106935

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.



21884



7814703



23126

Square

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



7814703



3757351



22893



5981299

Rectangle

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



7814703



5983515



22893



2117758

Sweetspot

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



7814703



10257792



7810921



5194046



13619151



5197647

Same Dimension

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



7814703



10240554



7823663



3880501



8001792



16397312

Inverse Universe

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



3106935



2786460



3097975



3488059



24954



50938

Previews

White Background



This preview shows how the Decimal color 7814703 looks on a white background.

Color Contrast Check

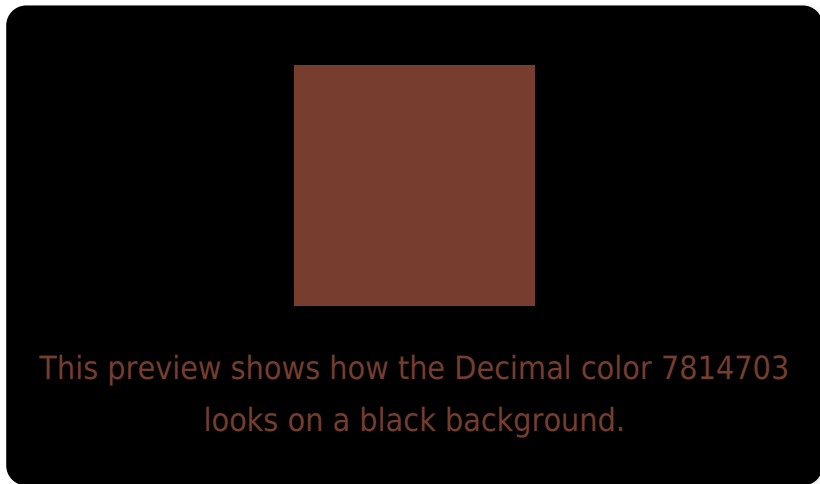
Large Text (above 18pt) WCAG AA ✓ Pass

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

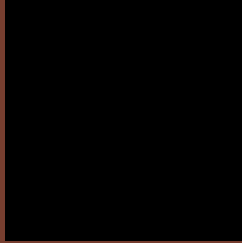
Any Text WCAG AA × Fail

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 7814703 Background



This preview shows how black text looks on a background with the Decimal color 7814703.

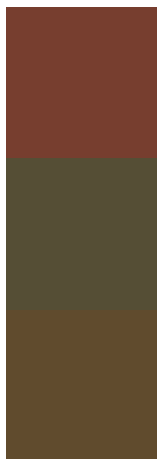


This preview shows how white text looks on a background with the Decimal color 7814703.

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
7814703

Protanopia
5590581

Deuteranopia
6310701

Trichromacy



Original Color
7814703

Protanomaly
6375475

Deuteranomaly
6833710

Tritanomaly
7879994

Monochromacy



Original Color
7814703

Achromatopsia
5066061

Achromatomaly
6047810

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7814703 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 #773E2F looks like.

```
.text, #text, p{  
    color:#773E2F  
}
```

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 #773E2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #773E2F
}
```

Border

The CSS property to change the border of an element to Decimal 7814703 is called "border". The border property can be set on classes, ids or directly on the HTML element.

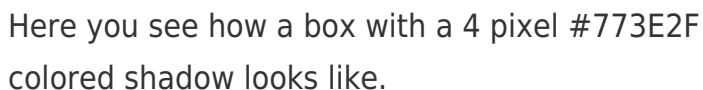
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#773E2F }
```

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

```
.border{ border-color:#773E2F }
```

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



Here you see how a box with a 4 pixel #773E2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #773E2F; -webkit-box-shadow:4px 4px  
4px 4px #773E2F; box-shadow:4px 4px 4px  
4px #773E2F }
```

Background

The CSS property to change the background color of an element to Decimal 7814703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#773E2F }
```

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

```
.background{ background-color:#773E2F }
```

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