

# Converting Colors

Decimal(7227967)

Have a look what the booklet for  
Decimal(7227967) contains.

<b>Decimal(7227967)</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(7227967)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6E4A3F
RGB	110, 74, 63
RGB Percent	43%, 29%, 25%
CMY	0.5686, 0.7098, 0.7529
CMYK	0.00, 0.33, 0.43, 0.57
HSL	14°, 27%, 34%
HSV	14°, 43%, 43%
XYZ	9.7764, 8.5714, 5.8418
YIQ	83.5100, 24.9870, 4.2110

# Conversions

## Conversions Part 2

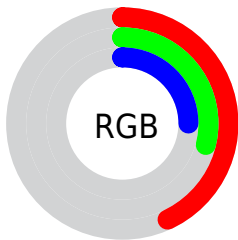
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	110, 77, 63
Decimal	7227967
CIE Lab	35.15, 13.81, 12.75
CIE LCh	35, 18.799, 42.705
Yxy	8.5714, 0.4042, 0.3543
Android (android.graphics.Color)	4285418047 (0xFF6E4A3F)
YUV	83.5100, -10.1114, 23.2317
Hunter-Lab	29.2770, 8.3712, 8.6634

# Details

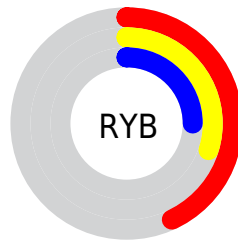
The Decimal color **7227967** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **4154222**, and the grayscale version is **5526612**.

A 20% lighter version of the original color is **10713967**, and **3939861** is the 20% darker color. If you saturate the color by 10%, you get **7225908**, and if you desaturate by 10%, it is **7230026**.

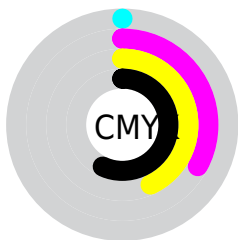
# Distribution



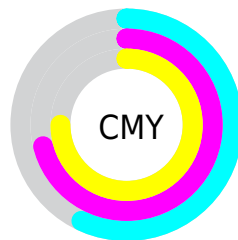
- Red (43%)
- Green (29%)
- Blue (25%)



- Red (43%)
- Yellow (30%)
- Blue (25%)



- Cyan (0%)
- Magenta (33%)
- Yellow (43%)
- Black (57%)



- Cyan (57%)
- Magenta (71%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7227967 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 7227967 by changing the saturation by 10% instead.



 7227967

 7227967

16777215

 5583657

 10713967

 3939861

 12555656

 2492160

 14397602

 0

 16305085

 16771033

 16777206

 7227967

 7227967

 7225908

 7230026

■ 7223593

■ 7232341

■ 7221534

■ 7234400

■ 7219219

■ 7236715

■ 7217160

■ 7238774

■ 7215616

■ 7241089

■ 7243148

■ 7245207

■ 7247522

# Harmonies

## Analogous

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



7358285



7227967



6639414

# Triad

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



7227967



3430985



4739696

# Complementary

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



7227967



4154222

# 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.



3299183



7227967



2448217

# Square

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



7227967



4610108



2251366



6114665

# Rectangle

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



7227967



6050357



2251366



4281456



# Sweetspot

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



7227967



9404796



7225187



4669244



13092807



4671303



# Same Dimension

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



7227967



9393990



7233855



3683378



7871488



16202240



# Inverse Universe

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



4154222



4619919



4148334



3290936



23672



48631



# Previews

## White Background



This preview shows how the Decimal color 7227967 looks on a white background.

## Color Contrast Check

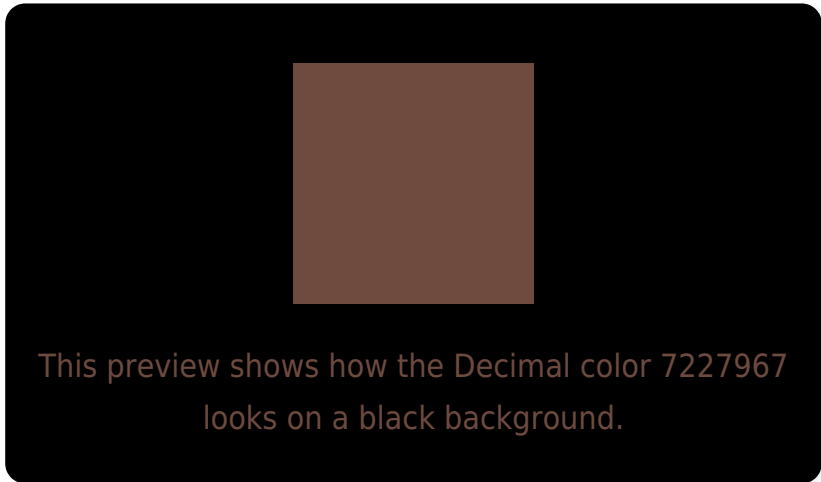
Large Text (above 18pt) WCAG AA ✓ Pass

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

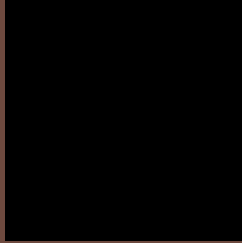
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 7227967 Background



This preview shows how black text looks on a background with the Decimal color 7227967.

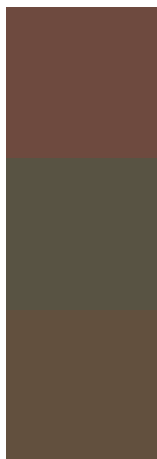


This preview shows how white text looks on a background with the Decimal color 7227967.

# 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**

7227967

**Protanopia**

5788483

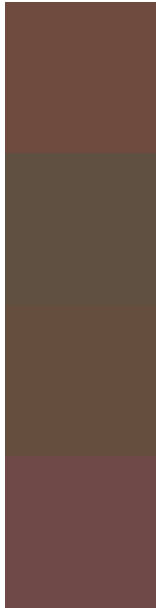
**Deuteranopia**

6443070



**Tritanopia**  
7293005

# Trichromacy



**Original Color**  
7227967

**Protanomaly**  
6312002

**Deuteranomaly**  
6704702

**Tritanomaly**  
7293256

# Monochromacy



**Original Color**  
7227967

**Achromatopsia**  
5526612

**Achromatomaly**  
6115404

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7227967 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 #6E4A3F looks like.

```
.text, #text, p{  
    color:#6E4A3F  
}
```

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 #6E4A3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E4A3F
}
```

## Border

The CSS property to change the border of an element to Decimal 7227967 is called "border". The border property can be set on classes, ids or directly on the HTML element.

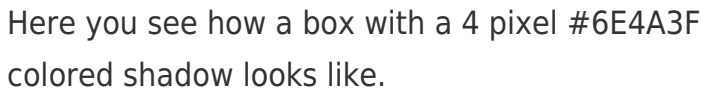
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6E4A3F }
```

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

```
.border{ border-color:#6E4A3F }
```

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



Here you see how a box with a 4 pixel #6E4A3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E4A3F; -webkit-box-shadow:4px 4px  
4px 4px #6E4A3F; box-shadow:4px 4px 4px  
4px #6E4A3F }
```

# Background

The CSS property to change the background color of an element to Decimal 7227967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E4A3F }
```

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

```
.background{ background-color:#6E4A3F }
```

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