

# Converting Colors

Decimal(7027533)

Have a look what the booklet for  
Decimal(7027533) contains.

<b>Decimal(7027533)</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(7027533)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6B3B4D
RGB	107, 59, 77
RGB Percent	42%, 23%, 30%
CMY	0.5804, 0.7686, 0.6980
CMYK	0.00, 0.45, 0.28, 0.58
HSL	338°, 29%, 33%
HSV	338°, 45%, 42%
XYZ	8.9669, 6.7896, 7.8591
YIQ	75.4040, 22.8300, 15.7740

# Conversions

## Conversions Part 2

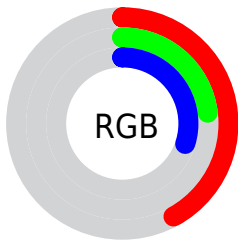
Format	Color
<b>R<sub>YB</sub></b>	107, 59, 77
Decimal	7027533
CIE Lab	31.32, 23.64, -1.68
CIE LCh	31, 23.699, 355.932
Yxy	6.7896, 0.3797, 0.2875
Android (android.graphics.Color)	4285217613 (0xFF6B3B4D)
YUV	75.4040, 0.7868, 27.7097
Hunter-Lab	26.0568, 15.8279, 0.3570

# Details

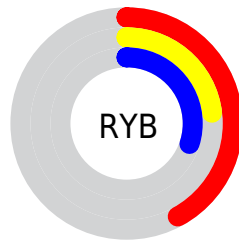
The Decimal color **7027533** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3894105**, and the grayscale version is **4934475**.

A 20% lighter version of the original color is **10513278**, and **3804705** is the 20% darker color. If you saturate the color by 10%, you get **7024710**, and if you desaturate by 10%, it is **7030356**.

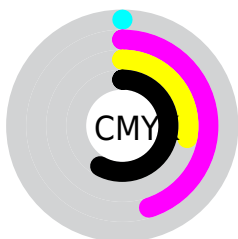
# Distribution



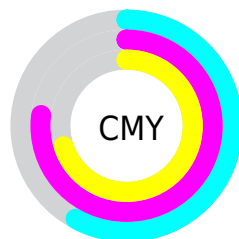
- Red (42%)
- Green (23%)
- Blue (30%)



- Red (42%)
- Yellow (23%)
- Blue (30%)



- Cyan (0%)
- Magenta (45%)
- Yellow (28%)
- Black (58%)



- Cyan (58%)
- Magenta (77%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7027533 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 7027533 by changing the saturation by 10% instead.



7027533

7027533

16777215

5383222

10513278

3804705

12289432

2490378

14131122

0

16038862

16766698

16774143

7027533

7027533

7024710

7030356

7022144

7032922

7019321

7035745

7016498

7038568

7013932

7041390

7012392

7043957

7046780

7049603

7052169

# Harmonies

## Analogous

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



6242143



7027533



7158842

# Triad

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



7027533



4541735



20840

# Complementary

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



7027533



3894105

# 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.



21337



7027533



3100980

# Square

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



7027533



5785636



1135430



2575470

# Rectangle

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



7027533



6897456



1135430



21092



# Sweetspot

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



7027533



9206401



5847915



4668480



13092807



4671303



# Same Dimension

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



7027533



9191773



7029051



3551282



7667756



16056412



# Inverse Universe

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



7027533



9191773



3892587



3551282



7667756

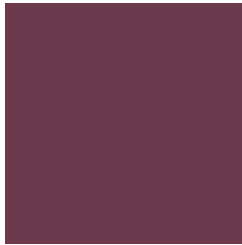


16056412



# Previews

## White Background



This preview shows how the Decimal color 7027533 looks on a white background.

## Color Contrast Check

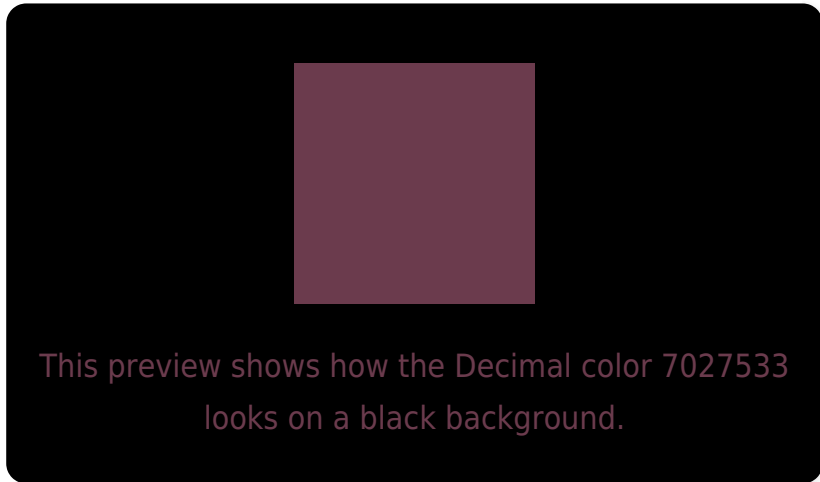
Large Text (above 18pt) WCAG AA ✓ Pass

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

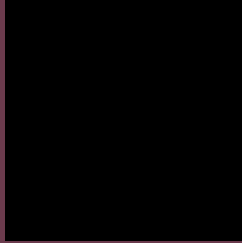
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 7027533 Background



This preview shows how black text looks on a background with the Decimal color 7027533.



This preview shows how white text looks on a background with the Decimal color 7027533.

# 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**  
7027533

**Protanopia**  
4737622

**Deuteranopia**  
5326923



**Tritanopia**  
6962498

# Trichromacy



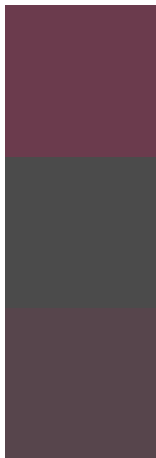
**Original Color**  
7027533

**Protanomaly**  
5588307

**Deuteranomaly**  
5915468

**Tritanomaly**  
6962246

# Monochromacy



**Original Color**  
7027533

**Achromatopsia**  
4934475

**Achromatomaly**  
5719372

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7027533 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 #6B3B4D looks like.

```
.text, #text, p{  
  color:#6B3B4D  
}
```

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 #6B3B4D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B3B4D
}
```

## Border

The CSS property to change the border of an element to Decimal 7027533 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".

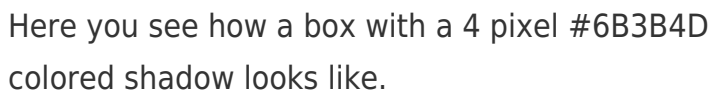
```
.border, #border, table{ border:4px solid
#6B3B4D }
```

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

```
.border{ border-color:#6B3B4D }
```

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

Here you see how a box with a 4 pixel #6B3B4D 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 #6B3B4D; -webkit-box-shadow:4px 4px  
4px 4px #6B3B4D; box-shadow:4px 4px 4px  
4px #6B3B4D }
```

# Background

The CSS property to change the background color of an element to Decimal 7027533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B3B4D }
```

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

```
.background{ background-color:#6B3B4D }
```

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