

# Converting Colors

Decimal(7162429)

Have a look what the booklet for  
Decimal(7162429) contains.

<b>Decimal(7162429)</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(7162429)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6D4A3D
RGB	109, 74, 61
RGB Percent	43%, 29%, 24%
CMY	0.5725, 0.7098, 0.7608
CMYK	0.00, 0.32, 0.44, 0.57
HSL	16°, 28%, 33%
HSV	16°, 44%, 43%
XYZ	9.5978, 8.4857, 5.5469
YIQ	82.9830, 25.0330, 3.3770

# Conversions

## Conversions Part 2

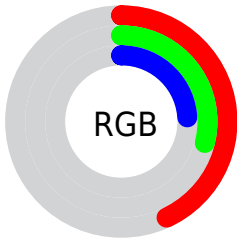
<b>Format</b>	<b>Color</b>
<b>RYB</b>	109, 79, 61
Decimal	7162429
CIELab	34.97, 13.12, 13.75
CIELCh	35, 19.000, 46.342
Yxy	8.4857, 0.4062, 0.3591
Android (android.graphics.Color)	4285352509 (0xFF6D4A3D)
YUV	82.9830, -10.8376, 22.8169
Hunter-Lab	29.1302, 7.8339, 9.1012

# Details

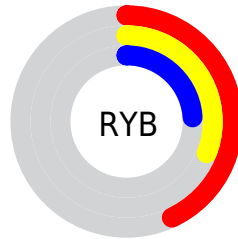
The Decimal color **7162429** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **4022381**, and the grayscale version is **5460819**.

A 20% lighter version of the original color is **10648428**, and **3874323** is the 20% darker color. If you saturate the color by 10%, you get **7160370**, and if you desaturate by 10%, it is **7164488**.

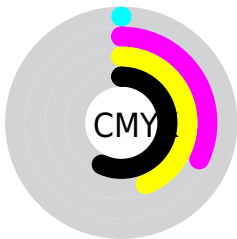
# Distribution



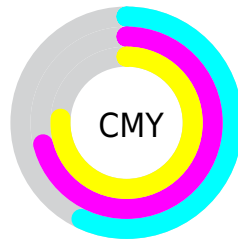
- Red (43%)
- Green (29%)
- Blue (24%)



- Red (43%)
- Yellow (31%)
- Blue (24%)



- Cyan (0%)
- Magenta (32%)
- Yellow (44%)
- Black (57%)



- Cyan (57%)
- Magenta (71%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7162429 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 7162429 by changing the saturation by 10% instead.





7162429



7162429

16777215



5518119



10648428



3874323



12490118



2426624



14331808



0



16239547



16771031



16777203



7162429



7162429



7160370



7164488

■ 7158311

■ 7166547

■ 7156252

■ 7168606

■ 7154193

■ 7170665

■ 7152134

■ 7172723

■ 7151104

■ 7174782

■ 7176841

■ 7178900

■ 7180959

# Harmonies

## Analogous

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



7358282



7162429



6508341

# Triad

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



7162429



3234379



4870511

# Complementary

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



7162429



4022381

# 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.



3364463



7162429



2251610

# Square

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



7162429



4413501



2251112



6245223

# Rectangle

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



7162429



5919284



2251112



4412272



# Sweetspot

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



7162429



9404796



7159136



4669244



13092807



4671303



# Same Dimension

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



7162429



9394243



7168573



3551792



7675904



16073216



# Inverse Universe

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



4022381



4422287



4016237



3159094



22133



46069



# Previews

## White Background



This preview shows how the Decimal color 7162429 looks on a white background.

## Color Contrast Check

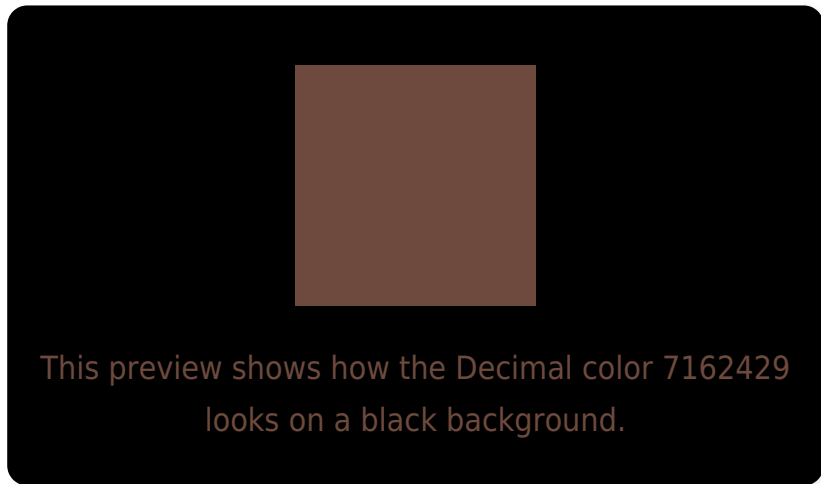
Large Text (above 18pt) WCAG AA ✓ Pass

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 7162429 Background



This preview shows how black text looks on a background with the Decimal color 7162429.

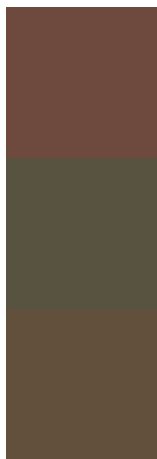


This preview shows how white text looks on a background with the Decimal color 7162429.

# 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**

7162429

**Protanopia**

5788225

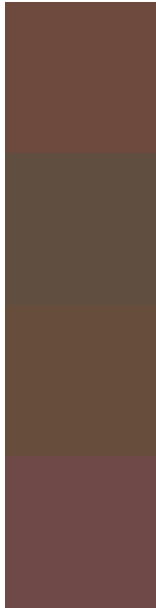
**Deuteranopia**

6442812



**Tritanopia**  
7227469

# Trichromacy



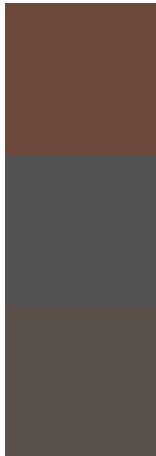
**Original Color**  
7162429

**Protanomaly**  
6311744

**Deuteranomaly**  
6704444

**Tritanomaly**  
7227719

# Monochromacy



**Original Color**  
7162429

**Achromatopsia**  
5460819

**Achromatomaly**  
6049867

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7162429 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 #6D4A3D looks like.

```
.text, #text, p{  
  color:#6D4A3D  
}
```

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 #6D4A3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D4A3D
}
```

## Border

The CSS property to change the border of an element to Decimal 7162429 is called "border". The border property can be set on classes, ids or directly on the HTML element.

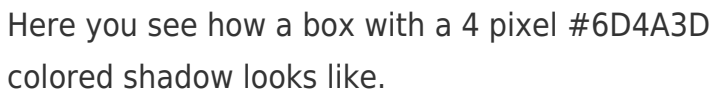
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D4A3D }
```

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

```
.border{ border-color:#6D4A3D }
```

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



Here you see how a box with a 4 pixel #6D4A3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D4A3D; -webkit-box-shadow:4px 4px  
4px 4px #6D4A3D; box-shadow:4px 4px 4px  
4px #6D4A3D }
```

# Background

The CSS property to change the background color of an element to Decimal 7162429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D4A3D }
```

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

```
.background{ background-color:#6D4A3D }
```

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