

# Converting Colors

Decimal(6442038)

Have a look what the booklet for  
Decimal(6442038) contains.

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# Color

**Decimal(6442038)**

# Conversions

## Conversions Part 1

Format	Color
Hex	624C36
RGB	98, 76, 54
RGB Percent	38%, 30%, 21%
CMY	0.6157, 0.7020, 0.7882
CMYK	0.00, 0.22, 0.45, 0.62
HSL	30°, 29%, 30%
HSV	30°, 45%, 38%
XYZ	8.2873, 8.0319, 4.6036
YIQ	80.0700, 20.1740, -2.1780

# Conversions

## Conversions Part 2

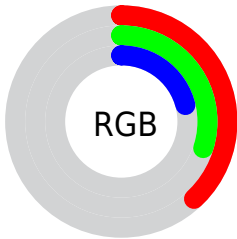
<b>Format</b>	<b>Color</b>
<b>RYB</b>	98, 98, 54
Decimal	6442038
CIELab	34.05, 5.99, 16.62
CIElCh	34, 17.662, 70.191
Yxy	8.0319, 0.3961, 0.3839
Android (android.graphics.Color)	4284632118 (0xFF624C36)
YUV	80.0700, -12.8525, 15.7246
Hunter-Lab	28.3406, 2.6006, 10.2076

# Details

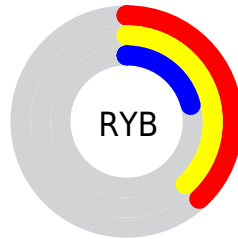
The Decimal color **6442038** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3558498**, and the grayscale version is **5263440**.

A 20% lighter version of the original color is **9862501**, and **3285002** is the 20% darker color. If you saturate the color by 10%, you get **6440748**, and if you desaturate by 10%, it is **6443328**.

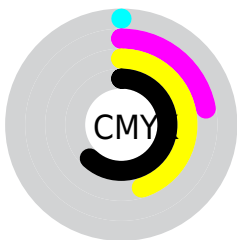
# Distribution



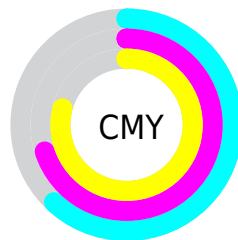
- Red (38%)
- Green (30%)
- Blue (21%)



- Red (38%)
- Yellow (38%)
- Blue (21%)



- Cyan (0%)
- Magenta (22%)
- Yellow (45%)
- Black (62%)



- Cyan (62%)
- Magenta (70%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6442038 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 6442038 by changing the saturation by 10% instead.



■ 6442038

■ 6442038

16777215

■ 4797728

■ 9862501

■ 3285002

■ 11638654

■ 1837312

■ 13480344

■ 0

■ 15322547

■ 16771534

■ 16777195

■ 6442038

■ 6442038

■ 6440748

■ 6443328

■ 6439458

■ 6444618

■ 6438169

■ 6445907

■ 6436879

■ 6447197

■ 6435845

■ 6448487

■ 6435072

■ 6449521

■ 6450811

■ 6452100

■ 6453390

# Harmonies

## Analogous

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



6965311



6442038



5591348

# Triad

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



6442038



2578517



5786470

# Complementary

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



6442038



3558498

# 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.



4542571



6442038



2316130

# Square

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



6442038



3495750



3167338



6702938

# Rectangle

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



6442038



4936504



3167338



5393512



# Sweetspot

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



6442038



8419183



6436428



4209462



12566463



4210752



# Same Dimension

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



6442038



8412475



6447670



3157548



7354368



15759360



# Inverse Universe

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



3558498



3890560



3552866



2895408



14448

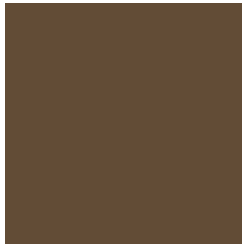


30960



# Previews

## White Background



This preview shows how the Decimal color 6442038 looks on a white background.

## Color Contrast Check

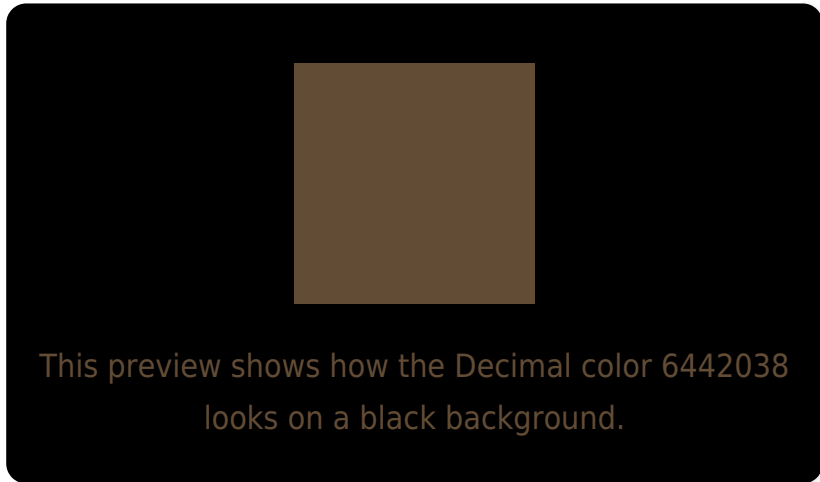
Large Text (above 18pt) WCAG AA ✓ Pass

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 6442038 Background



This preview shows how black text looks on a background with the Decimal color 6442038.

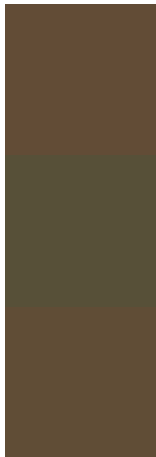


This preview shows how white text looks on a background with the Decimal color 6442038.

# 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



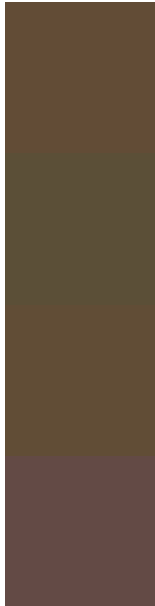
**Original Color**  
6442038

**Protanopia**  
5722168

**Deuteranopia**  
6311222



# Trichromacy



**Original Color**  
6442038

**Protanomaly**  
5984055

**Deuteranomaly**  
6376758

**Tritanomaly**  
6507077

# Monochromacy



**Original Color**  
6442038

**Achromatopsia**  
5263440

**Achromatomaly**  
5721927

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6442038 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 #624C36 looks like.

```
.text, #text, p{  
    color:#624C36  
}
```

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 #624C36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #624C36
}
```

## Border

The CSS property to change the border of an element to Decimal 6442038 is called "border". The border property can be set on classes, ids or directly on the HTML element.

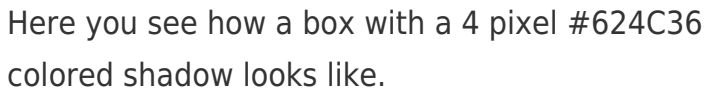
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#624C36 }
```

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

```
.border{ border-color:#624C36 }
```

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



Here you see how a box with a 4 pixel #624C36 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #624C36; -webkit-box-shadow:4px 4px  
4px 4px #624C36; box-shadow:4px 4px 4px  
4px #624C36 }
```

# Background

The CSS property to change the background color of an element to Decimal 6442038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#624C36 }
```

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

```
.background{ background-color:#624C36 }
```

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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