

# Converting Colors

Decimal(3740471)

Have a look what the booklet for  
Decimal(3740471) contains.

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**Color**

**Decimal(3740471)**

# Conversions

## Conversions Part 1

Format	Color
Hex	391337
RGB	57, 19, 55
RGB Percent	22%, 7%, 22%
CMY	0.7765, 0.9255, 0.7843
CMYK	0.00, 0.67, 0.04, 0.78
HSL	303°, 50%, 15%
HSV	303°, 67%, 22%
XYZ	2.6098, 1.6114, 3.7879
YIQ	34.4660, 11.0920, 19.2520

# Conversions

## Conversions Part 2

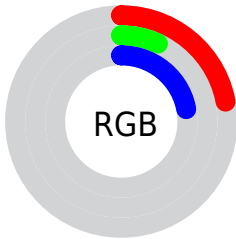
<b>Format</b>	<b>Color</b>
<b>RYB</b>	57, 19, 55
Decimal	3740471
CIELab	13.30, 24.55, -14.77
CIElCh	13, 28.654, 328.965
Yxy	1.6114, 0.3259, 0.2012
Android (android.graphics.Color)	4281930551 (0xFF391337)
YUV	34.4660, 10.1233, 19.7623
Hunter-Lab	12.6942, 14.4828, -8.8060

# Details

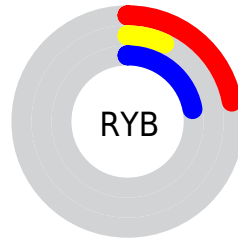
The Decimal color **3740471** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **1259797**, and the grayscale version is **2236962**.

A 20% lighter version of the original color is **6963302**, and **8** is the 20% darker color. If you saturate the color by 10%, you get **3738935**, and if you desaturate by 10%, it is **3742007**.

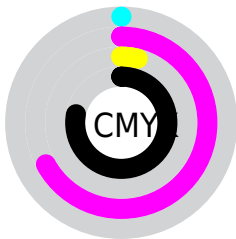
# Distribution



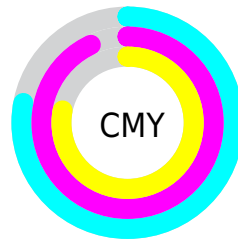
- Red (22%)
- Green (7%)
- Blue (22%)



- Red (22%)
- Yellow (7%)
- Blue (22%)



- Cyan (0%)
- Magenta (67%)
- Yellow (4%)
- Black (78%)



- Cyan (78%)
- Magenta (93%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 3740471 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 3740471 by changing the saturation by 10% instead.



■ 3740471

■ 3740471

■ 16775679

■ 2359330

■ 6963302

■ 8

■ 8607871

■ 0

■ 10383769

■ 12159924

■ 14001615

■ 15843564

■ 16768511

■ 3740471

■ 3740471

■ 3738935

■ 3742007

■ 3737654

■ 3743288

■ 3736118

■ 3744824

■ 3735606

■ 3746360

■ 3747897

■ 3749177

■ 3750713

■ 3752249

■ 3753530

# Harmonies

## Analogous

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



2039109



3740471



4459556

# Triad

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



3740471



2892032



11061

# Complementary

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



3740471



1259797

# 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.



11041



3740471



1713664

# Square

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



3740471



3873024



10762



10564

# Rectangle

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



3740471



4525335



10762



11055



# Sweetspot

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



3740471



4864841



1381177



2497830



10921638



2500134



# Same Dimension

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



3740471



4853575



3740452



1841436



6029399



14352592



# Inverse Universe

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



3740471



4853575



1259816



1841436



6029399

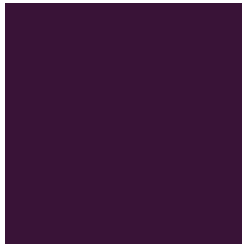


14352592



# Previews

## White Background



This preview shows how the Decimal color 3740471 looks on a white background.

## Color Contrast Check

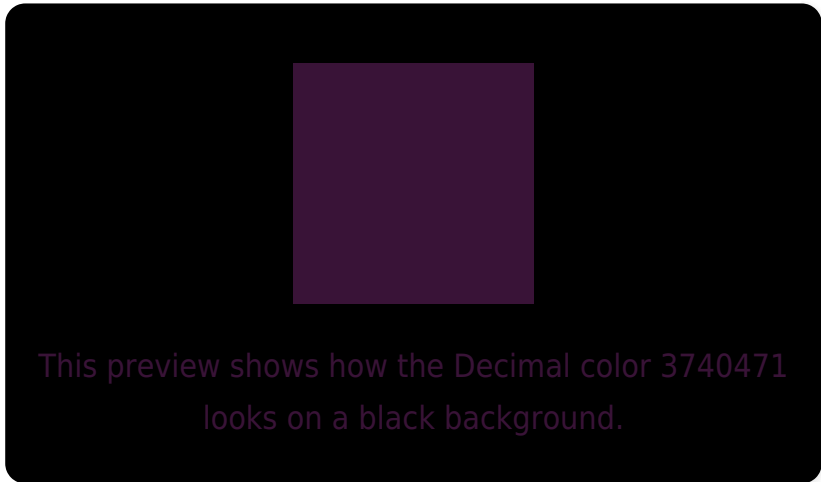
Large Text (above 18pt) WCAG AA ✓ Pass

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

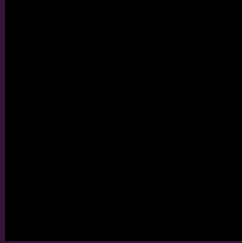
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 3740471 Background



This preview shows how black text looks on a background with the Decimal color 3740471.



This preview shows how white text looks on a background with the Decimal color 3740471.

# 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](#).

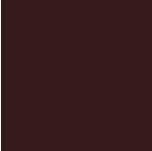
## Dichromacy



**Original Color**  
3740471

**Protanopia**  
991813

**Deuteranopia**  
1844020



**Tritanopia**  
3545885

# Trichromacy



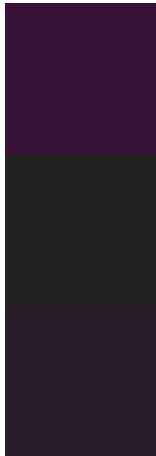
**Original Color**  
3740471

**Protanomaly**  
1973568

**Deuteranomaly**  
2563381

**Tritanomaly**  
3610662

# Monochromacy



**Original Color**  
3740471

**Achromatopsia**  
2236962

**Achromatomaly**  
2759978

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 3740471 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 #391337 looks like.

```
.text, #text, p{  
    color:#391337  
}
```

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 #391337 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #391337
}
```

## Border

The CSS property to change the border of an element to Decimal 3740471 is called "border". The border property can be set on classes, ids or directly on the HTML element.

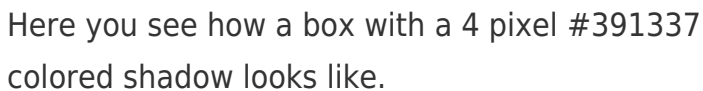
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#391337 }
```

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

```
.border{ border-color:#391337 }
```

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



Here you see how a box with a 4 pixel #391337 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #391337; -webkit-box-shadow:4px 4px  
4px 4px #391337; box-shadow:4px 4px 4px  
4px #391337 }
```

# Background

The CSS property to change the background color of an element to Decimal 3740471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#391337 }
```

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

```
.background{ background-color:#391337 }
```

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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