

# Converting Colors

Decimal(4272433)

Have a look what the booklet for  
Decimal(4272433) contains.

<b>Decimal(4272433)</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(4272433)**

# Conversions

## Conversions Part 1

Format	Color
Hex	413131
RGB	65, 49, 49
RGB Percent	25%, 19%, 19%
CMY	0.7451, 0.8078, 0.8078
CMYK	0.00, 0.25, 0.25, 0.75
HSL	0°, 14%, 22%
HSV	0°, 25%, 25%
XYZ	3.8327, 3.5422, 3.3874
YIQ	53.7840, 9.5360, 3.3920

# Conversions

## Conversions Part 2

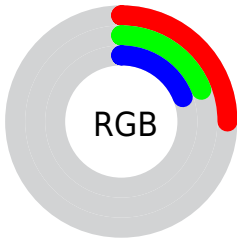
<b>Format</b>	<b>Color</b>
<b>RYB</b>	65, 49, 49
Decimal	4272433
CIELab	22.10, 7.25, 2.78
CIELCh	22, 7.765, 20.985
Yxy	3.5422, 0.3561, 0.3291
Android (android.graphics.Color)	4282462513 (0xFF413131)
YUV	53.7840, -2.3585, 9.8364
Hunter-Lab	18.8207, 3.4136, 2.5032

# Details

The Decimal color **4272433** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3227969**, and the grayscale version is **3552822**.

A 20% lighter version of the original color is **7429983**, and **1573377** is the 20% darker color. If you saturate the color by 10%, you get **4270891**, and if you desaturate by 10%, it is **4274232**.

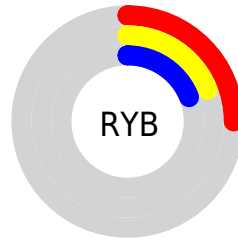
# Distribution



 Red (25%)

 Green (19%)

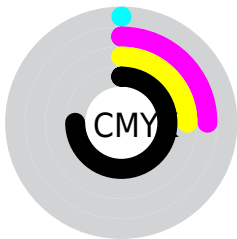
 Blue (19%)



 Red (25%)

 Yellow (19%)

 Blue (19%)

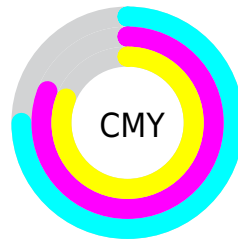


 Cyan (0%)

 Magenta (25%)

 Yellow (25%)

 Black (75%)



 Cyan (75%)

 Magenta (81%)

 Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4272433 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 4272433 by changing the saturation by 10% instead.





4272433



4272433

16777215



2825244



7429983



1573377



9140344



0



10850961



12627116



14469063



16377059



4272433



4272433



4270891



4274232

■ 4269092

■ 4275774

■ 4267550

■ 4277573

■ 4265751

■ 4279115

■ 4263952

■ 4280914

■ 4262410

■ 4282456

■ 4260868

■ 4284255

■ 4259840

■ 4285797

■ 4287339

# Harmonies

## Analogous

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



4141367



4272433



4141612

# Triad

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



4272433



3028781



2897472

# Complementary

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



4272433



3227969

# 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.



2570046



4272433



2701363

# Square

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



4272433



3487274



2504761



3421248

# Rectangle

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



4272433



4010794



2504761



2766400



# Sweetspot

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



4272433



5525070



4272449



2828328



11250603



2829099



# Same Dimension

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



4272433



5520187



4274481



2170398



6356992



14680064



# Inverse Universe

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



3227969



3888212



3225921



1974561



24929

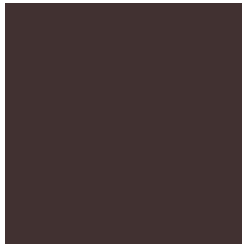


57568



# Previews

## White Background



This preview shows how the Decimal color 4272433 looks on a white background.

## Color Contrast Check

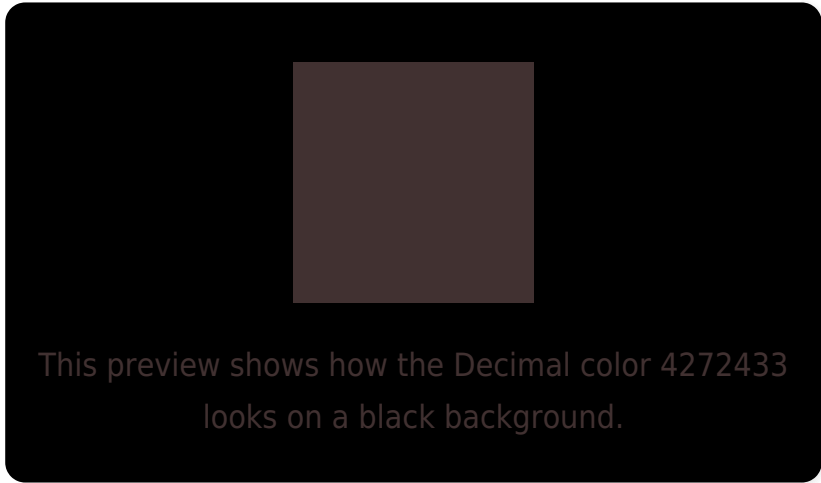
Large Text (above 18pt) WCAG AA ✓ Pass

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

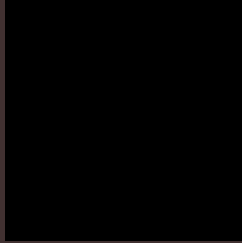
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 4272433 Background



This preview shows how black text looks on a background with the Decimal color 4272433.

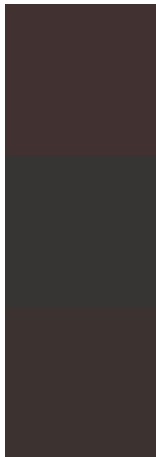


This preview shows how white text looks on a background with the Decimal color 4272433.

# 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**  
4272433

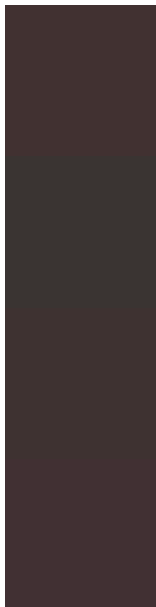
**Protanopia**  
3552563

**Deuteranopia**  
3945265



**Tritanopia**  
4272180

# Trichromacy



**Original Color**

4272433

**Protanomaly**

3814450

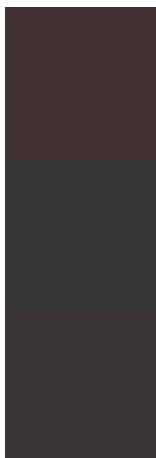
**Deuteranomaly**

4076081

**Tritanomaly**

4272179

# Monochromacy



**Original Color**

4272433

**Achromatopsia**

3552822

**Achromatomaly**

3814452

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4272433 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 #413131 looks like.

```
.text, #text, p{  
    color:#413131  
}
```

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 #413131 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #413131
}
```

## Border

The CSS property to change the border of an element to Decimal 4272433 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
#413131 }
```

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

```
.border{ border-color:#413131 }
```

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

Here you see how a box with a 4 pixel #413131 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #413131; -webkit-box-shadow:4px 4px  
4px 4px #413131; box-shadow:4px 4px 4px  
4px #413131 }
```

# Background

The CSS property to change the background color of an element to Decimal 4272433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#413131 }
```

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

```
.background{ background-color:#413131 }
```

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