

# Converting Colors

Decimal(4142387)

Have a look what the booklet for  
Decimal(4142387) contains.

<b>Decimal(4142387)</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(4142387)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3F3533
RGB	63, 53, 51
RGB Percent	25%, 21%, 20%
CMY	0.7529, 0.7922, 0.8000
CMYK	0.00, 0.16, 0.19, 0.75
HSL	10°, 11%, 22%
HSV	10°, 19%, 25%
XYZ	3.9205, 3.8420, 3.6669
YIQ	55.7620, 6.6020, 1.4980

# Conversions

## Conversions Part 2

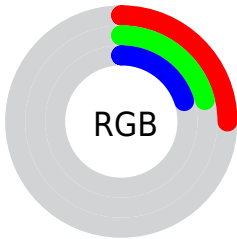
<b>Format</b>	<b>Color</b>
<b>RYB</b>	63, 53, 51
Decimal	4142387
CIELab	23.14, 4.04, 2.90
CIElCh	23, 4.975, 35.648
Yxy	3.8420, 0.3430, 0.3361
Android (android.graphics.Color)	4282332467 (0xFF3F3533)
YUV	55.7620, -2.3477, 6.3477
Hunter-Lab	19.6010, 1.4014, 2.6288

# Details

The Decimal color **4142387** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3358015**, and the grayscale version is **3684408**.

A 20% lighter version of the original color is **7300193**, and **1378309** is the 20% darker color. If you saturate the color by 10%, you get **4141101**, and if you desaturate by 10%, it is **4143673**.

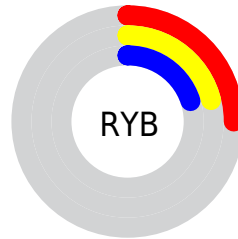
# Distribution



Red (25%)

Green (21%)

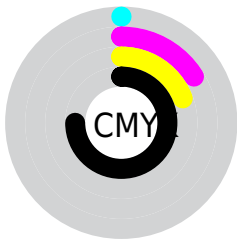
Blue (20%)



Red (25%)

Yellow (21%)

Blue (20%)

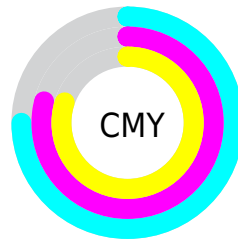


Cyan (0%)

Magenta (16%)

Yellow (19%)

Black (75%)



Cyan (75%)

Magenta (79%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4142387 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 4142387 by changing the saturation by 10% instead.



■ 4142387

■ 4142387

16777215

■ 2695198

■ 7300193

■ 1378309

■ 8944762

■ 0

■ 10655380

■ 12497326

■ 14273738

■ 16181734

■ 4142387

■ 4142387

■ 4141101

■ 4143673

■ 4139814

■ 4145216

■ 4138272

■ 4146502

■ 4136986

■ 4147788

■ 4135700

■ 4149075

■ 4134157

■ 4150617

■ 4132871

■ 4151903

■ 4131585

■ 4153189

■ 4131328

■ 4154476

# Harmonies

## Analogous

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



4142391



4142387



4011569

# Triad

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



4142387



3225908



3422014

# Complementary

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



4142387



3358015

# 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.



3160126



4142387



3029304

# Square

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



4142387



3487793



3029307



3749437

# Rectangle

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



4142387



3880752



3029307



3356734



# Sweetspot

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



4142387



5393997



4141885



2696742



11053224



2697513



# Same Dimension

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



4142387



5390911



4143923



2038812



6164480



14558464



# Inverse Universe

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



3358015



4148818



3356479



1842719



20318

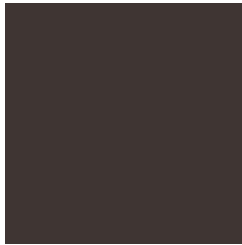


47582



# Previews

## White Background



This preview shows how the Decimal color 4142387 looks on a white background.

## Color Contrast Check

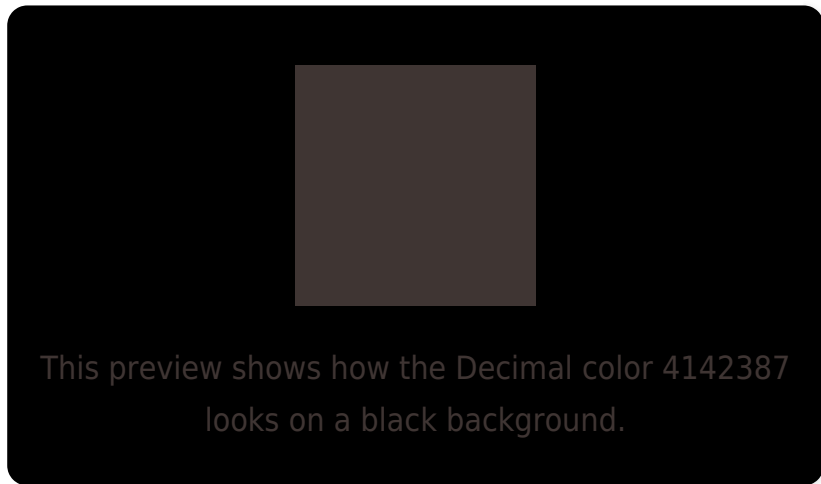
Large Text (above 18pt) WCAG AA ✓ Pass

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

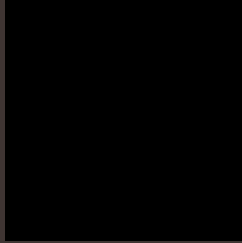
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 4142387 Background



This preview shows how black text looks on a background with the Decimal color 4142387.

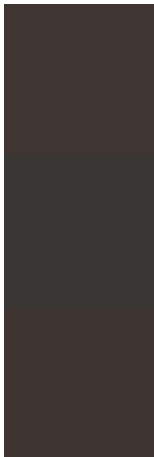


This preview shows how white text looks on a background with the Decimal color 4142387.

# 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**  
4142387

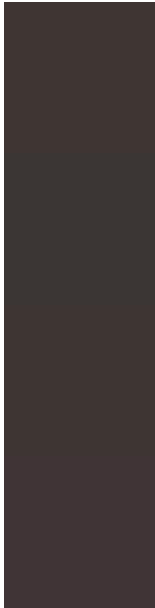
**Protanopia**  
3749684

**Deuteranopia**  
4076851



**Tritanopia**  
4207672

# Trichromacy



**Original Color**

4142387

**Protanomaly**

3880500

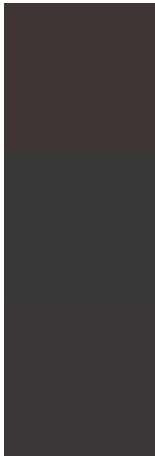
**Deuteranomaly**

4076851

**Tritanomaly**

4207670

# Monochromacy



**Original Color**

4142387

**Achromatopsia**

3684408

**Achromatomaly**

3880758

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4142387 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 #3F3533 looks like.

```
.text, #text, p{  
    color:#3F3533  
}
```

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 #3F3533 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F3533
}
```

## Border

The CSS property to change the border of an element to Decimal 4142387 is called "border". The border property can be set on classes, ids or directly on the HTML element.

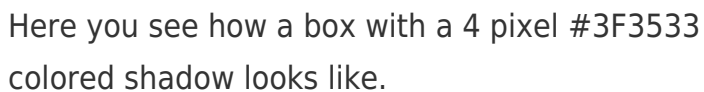
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3F3533 }
```

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

```
.border{ border-color:#3F3533 }
```

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



Here you see how a box with a 4 pixel #3F3533 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F3533; -webkit-box-shadow:4px 4px  
4px 4px #3F3533; box-shadow:4px 4px 4px  
4px #3F3533 }
```

# Background

The CSS property to change the background color of an element to Decimal 4142387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F3533 }
```

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

```
.background{ background-color:#3F3533 }
```

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