

# Converting Colors

Decimal(4337429)

Have a look what the booklet for  
Decimal(4337429) contains.

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**Color**

**Decimal(4337429)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	422F15
RGB	66, 47, 21
RGB Percent	26%, 18%, 8%
CMY	0.7412, 0.8157, 0.9176
CMYK	0.00, 0.29, 0.68, 0.74
HSL	35°, 52%, 17%
HSV	35°, 68%, 26%
XYZ	3.3986, 3.2454, 1.1568
YIQ	49.7170, 19.6700, -4.0580

# Conversions

## Conversions Part 2

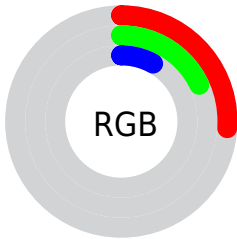
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	54, 66, 21
Decimal	4337429
CIE Lab	21.00, 5.24, 19.83
CIE LCh	21, 20.508, 75.205
Yxy	3.2454, 0.4357, 0.4160
Android (android.graphics.Color)	4282527509 (0xFF422F15)
YUV	49.7170, -14.1575, 14.2802
Hunter-Lab	18.0151, 2.1486, 8.8035

# Details

The Decimal color **4337429** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **1386562**, and the grayscale version is **3289650**.

A 20% lighter version of the original color is **7626048**, and **1179648** is the 20% darker color. If you saturate the color by 10%, you get **4336654**, and if you desaturate by 10%, it is **4338204**.

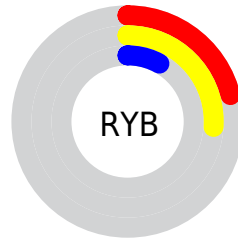
# Distribution



 Red (26%)

 Green (18%)

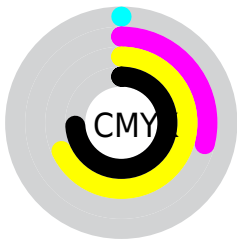
 Blue (8%)



 Red (21%)

 Yellow (26%)

 Blue (8%)

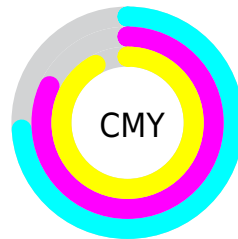


 Cyan (0%)

 Magenta (29%)

 Yellow (68%)

 Black (74%)



 Cyan (74%)

 Magenta (82%)

 Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4337429 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 4337429 by changing the saturation by 10% instead.





4337429



4337429



16777208



2890240



7626048



1179648



9336152



0



11112305



12953994



14796196



16703936



16776668



4337429



4337429

■ 4336654

■ 4338204

■ 4335880

■ 4338978

■ 4335361

■ 4339497

■ 4335104

■ 4340271

■ 4341046

■ 4341821

■ 4342595

■ 4343114

■ 4343888

# Harmonies

## Analogous

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



4991518



4337429



3421204

# Triad

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



4337429



14906



4074568

# Complementary

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



4337429



1386562

# 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.



2634064



4337429



14663

# Square

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



4337429



801322



210511



4925243

# Rectangle

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



4337429



2701081



210511



3616331



# Sweetspot

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



4337429



5721925



4330793



2828065



11250603



2829099



# Same Dimension

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



4337429



5716240



4145685



2170910



6371328



14713344



# Inverse Universe

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



1386562



1060439



1578306



1974049



10593



24544



# Previews

## White Background



This preview shows how the Decimal color 4337429 looks on a white background.

## Color Contrast Check

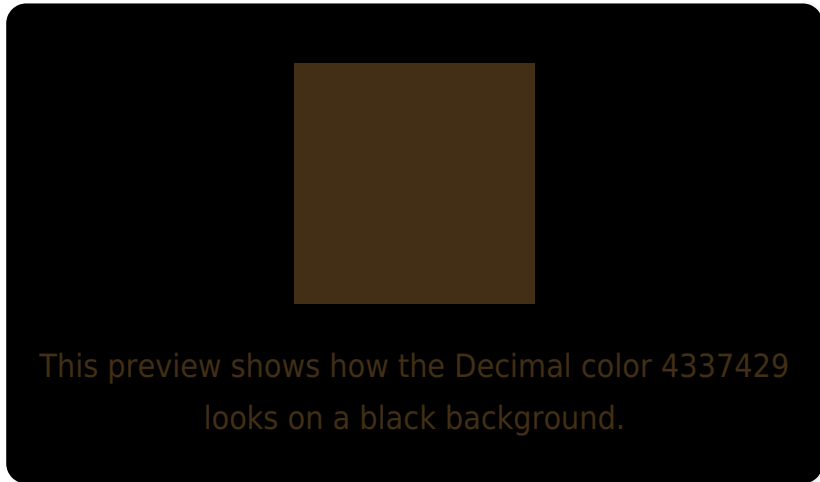
Large Text (above 18pt) WCAG AA ✓ Pass

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

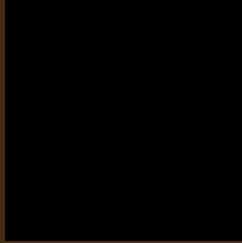
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 4337429 Background



This preview shows how black text looks on a background with the Decimal color 4337429.

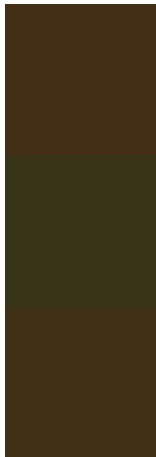


This preview shows how white text looks on a background with the Decimal color 4337429.

# 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**  
4337429

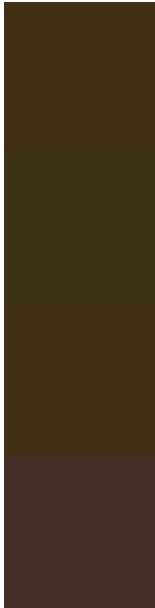
**Protanopia**  
3683094

**Deuteranopia**  
4141077



**Tritanopia**  
4467760

# Trichromacy



**Original Color**  
4337429

**Protanomaly**  
3944982

**Deuteranomaly**  
4206613

**Tritanomaly**  
4402470

# Monochromacy



**Original Color**  
4337429

**Achromatopsia**  
3289650

**Achromatomaly**  
3682599

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4337429 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 #422F15 looks like.

```
.text, #text, p{  
    color:#422F15  
}
```

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 #422F15 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #422F15
}
```

## Border

The CSS property to change the border of an element to Decimal 4337429 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
#422F15 }
```

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

```
.border{ border-color:#422F15 }
```

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

Here you see how a box with a 4 pixel #422F15 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #422F15; -webkit-box-shadow:4px 4px  
4px 4px #422F15; box-shadow:4px 4px 4px  
4px #422F15 }
```

# Background

The CSS property to change the background color of an element to Decimal 4337429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#422F15 }
```

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

```
.background{ background-color:#422F15 }
```

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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