

# Converting Colors

Decimal(4336401)

Have a look what the booklet for  
Decimal(4336401) contains.

<b>Decimal(4336401)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Decimal(4336401)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	422B11
RGB	66, 43, 17
RGB Percent	26%, 17%, 7%
CMY	0.7412, 0.8314, 0.9333
CMYK	0.00, 0.35, 0.74, 0.74
HSL	32°, 59%, 16%
HSV	32°, 74%, 26%
XYZ	3.2118, 2.9265, 0.9259
YIQ	46.9130, 22.0540, -3.2100

# Conversions

## Conversions Part 2

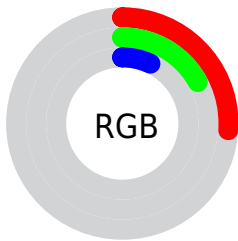
<b>Format</b>	<b>Color</b>
<b>RYB</b>	60, 66, 17
Decimal	4336401
CIELab	19.75, 7.57, 20.80
CIELCh	20, 22.137, 70.010
Yxy	2.9265, 0.4547, 0.4143
Android (android.graphics.Color)	4282526481 (0xFF422B11)
YUV	46.9130, -14.7471, 16.7393
Hunter-Lab	17.1069, 3.5761, 8.7658

# Details

The Decimal color **4336401** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **1124418**, and the grayscale version is **3092271**.

A 20% lighter version of the original color is **7624764**, and **1048576** is the 20% darker color. If you saturate the color by 10%, you get **4335626**, and if you desaturate by 10%, it is **4337176**.

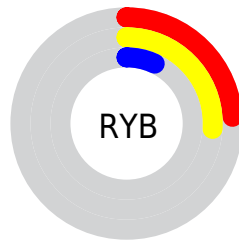
# Distribution



Red (26%)

Green (17%)

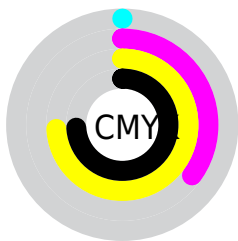
Blue (7%)



Red (24%)

Yellow (26%)

Blue (7%)

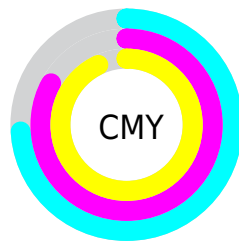


Cyan (0%)

Magenta (35%)

Yellow (74%)

Black (74%)



Cyan (74%)

Magenta (83%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4336401 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 4336401 by changing the saturation by 10% instead.





4336401



4336401



16777203



2823680



7624764



1048576



9400659



0



11176556



13018501



14860447



16767930



16775382



4336401



4336401

■ 4335626

■ 4337176

■ 4334852

■ 4337950

■ 4334336

■ 4338725

■ 4339499

■ 4340274

■ 4341305

■ 4342079

■ 4342854

■ 4343628

# Harmonies

## Analogous

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



4924700



4336401



3420430

# Triad

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



4336401



14389



3680585

# Complementary

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



4336401



1124418

# 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.



1978448



4336401



14148

# Square

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



4336401



603940



13390



4727867

# Rectangle

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



4336401



2700307



13390



3222604



# Sweetspot

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



4336401



5721668



4329769



2827808



11250603



2829099



# Same Dimension

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



4336401



5714442



4276753



2170910



6370048



14710528



# Inverse Universe

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



1124418



667223



1184066



1974049



11617



27104



# Previews

## White Background



This preview shows how the Decimal color 4336401 looks on a white background.

## Color Contrast Check

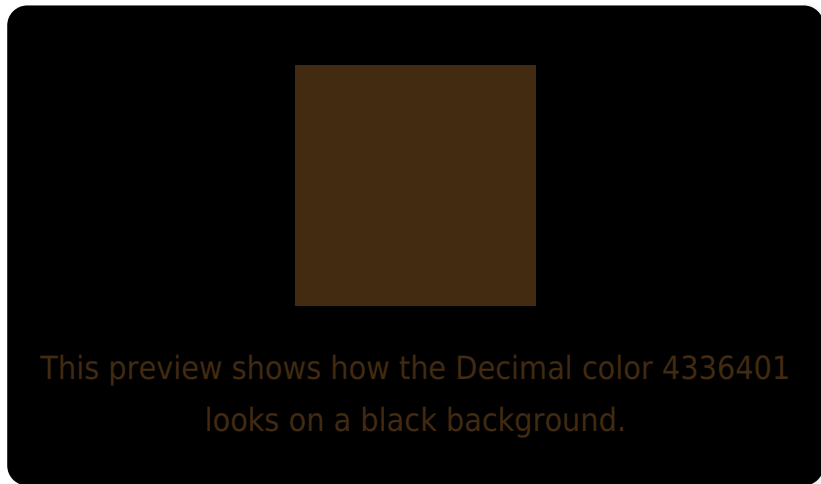
Large Text (above 18pt) WCAG AA ✓ Pass

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

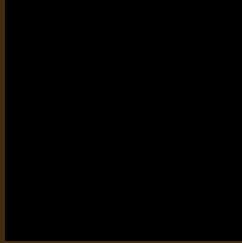
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 4336401 Background



This preview shows how black text looks on a background with the Decimal color 4336401.

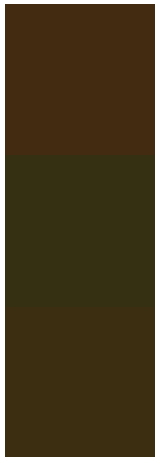


This preview shows how white text looks on a background with the Decimal color 4336401.

# 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](#).

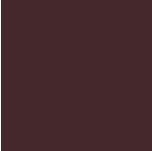
## Dichromacy



**Original Color**  
4336401

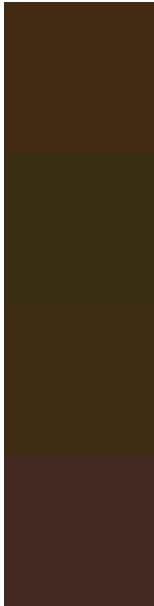
**Protanopia**  
3551250

**Deuteranopia**  
3943952



**Tritanopia**  
4466731

# Trichromacy



**Original Color**  
4336401

**Protanomaly**  
3812882

**Deuteranomaly**  
4074768

**Tritanomaly**  
4401442

# Monochromacy



**Original Color**  
4336401

**Achromatopsia**  
3092271

**Achromatomaly**  
3550756

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4336401 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 #422B11 looks like.

```
.text, #text, p{  
    color:#422B11  
}
```

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 #422B11 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #422B11
}
```

## Border

The CSS property to change the border of an element to Decimal 4336401 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
#422B11 }
```

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

```
.border{ border-color:#422B11 }
```

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

Here you see how a box with a 4 pixel #422B11 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #422B11; -webkit-box-shadow:4px 4px  
4px 4px #422B11; box-shadow:4px 4px 4px  
4px #422B11 }
```

# Background

The CSS property to change the background color of an element to Decimal 4336401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#422B11 }
```

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

```
.background{ background-color:#422B11 }
```

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