

Converting Colors

Decimal(4336436)

Have a look what the booklet for
Decimal(4336436) contains.

Decimal(4336436)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(4336436)

Conversions

Conversions Part 1

Format	Color
Hex	422B34
RGB	66, 43, 52
RGB Percent	26%, 17%, 20%
CMY	0.7412, 0.8314, 0.7961
CMYK	0.00, 0.35, 0.21, 0.74
HSL	337°, 21%, 21%
HSV	337°, 35%, 26%
XYZ	3.7305, 3.1339, 3.6571
YIQ	50.9030, 10.8190, 7.6750

Conversions

Conversions Part 2

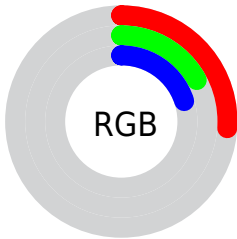
Format	Color
RYB	66, 43, 52
Decimal	4336436
CIELab	20.57, 12.28, -1.47
CIELCh	21, 12.368, 353.160
Yxy	3.1339, 0.3546, 0.2979
Android (android.graphics.Color)	4282526516 (0xFF422B34)
YUV	50.9030, 0.5408, 13.2401
Hunter-Lab	17.7029, 6.6346, 0.1438

Details

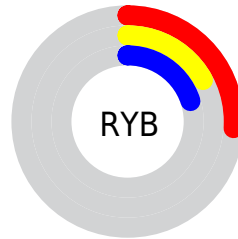
The Decimal color **4336436** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2835001**, and the grayscale version is **3355443**.

A 20% lighter version of the original color is **7493986**, and **1638406** is the 20% darker color. If you saturate the color by 10%, you get **4334640**, and if you desaturate by 10%, it is **4338232**.

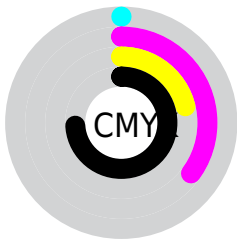
Distribution



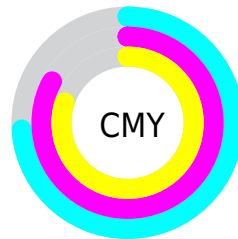
- Red (26%)
- Green (17%)
- Blue (20%)



- Red (26%)
- Yellow (17%)
- Blue (20%)



- Cyan (0%)
- Magenta (35%)
- Yellow (21%)
- Black (74%)



- Cyan (74%)
- Magenta (83%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4336436 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 4336436 by changing the saturation by 10% instead.



4336436



4336436

16777215



2823711



7493986



1638406



9204091



0



10980245



12756400



14598347



16506087



16775679



4336436



4336436

■ 4334640

■ 4338232

■ 4333100

■ 4339772

■ 4331304

■ 4341568

■ 4329764

■ 4343108

■ 4327968

■ 4344904

■ 4326172

■ 4346700

■ 4325402

■ 4348240

■ 4350036

■ 4351576

Harmonies

Analogous

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



3878205



4336436



4467499

Triad

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



4336436



3224353



1586496

Complementary

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



4336436



2835001

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.



1390136



4336436



2503974

Square

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



4336436



3813408



1848879



2306883

Rectangle

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



4336436



4336678



1848879



1455678

Sweetspot

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



4336436



5721681



3746626



2827816



11250603



2829099

Same Dimension

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



4336436



5714497



4336939



2170399



6357030



14680152

Inverse Universe

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



4336436



5714497



2834498



2170399



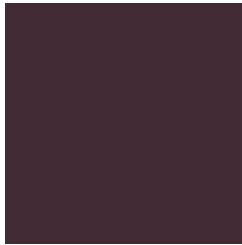
6357030



14680152

Previews

White Background



This preview shows how the Decimal color 4336436 looks on a white background.

Color Contrast Check

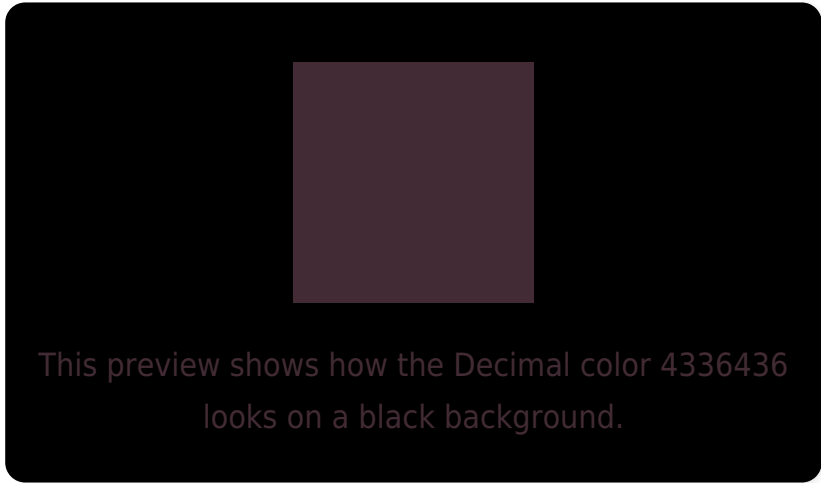
Large Text (above 18pt) WCAG AA ✓ Pass

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

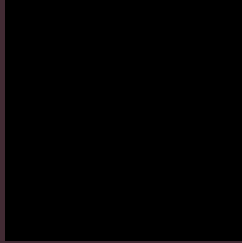
Any Text WCAG AA × Fail

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 4336436 Background



This preview shows how black text looks on a background with the Decimal color 4336436.



This preview shows how white text looks on a background with the Decimal color 4336436.

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
4336436

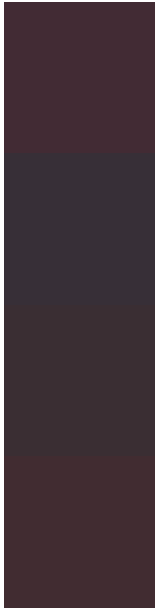
Protanopia
3223864

Deuteranopia
3551283



Tritanopia
4271151

Trichromacy



Original Color

4336436

Protanomaly

3616567

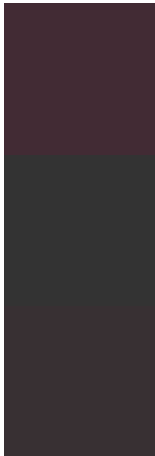
Deuteranomaly

3812915

Tritanomaly

4271153

Monochromacy



Original Color

4336436

Achromatopsia

3355443

Achromatomaly

3682355

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4336436 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 #422B34 looks like.

```
.text, #text, p{  
    color:#422B34  
}
```

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 #422B34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #422B34
}
```

Border

The CSS property to change the border of an element to Decimal 4336436 is called "border". The border property can be set on classes, ids or directly on the HTML element.

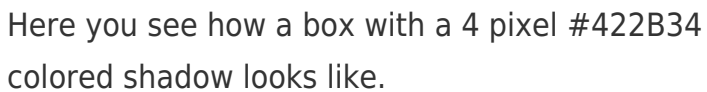
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#422B34 }
```

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

```
.border{ border-color:#422B34 }
```

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



Here you see how a box with a 4 pixel #422B34 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #422B34; -webkit-box-shadow:4px 4px  
4px 4px #422B34; box-shadow:4px 4px 4px  
4px #422B34 }
```

Background

The CSS property to change the background color of an element to Decimal 4336436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#422B34 }
```

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

```
.background{ background-color:#422B34 }
```

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